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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

No. 471

January 1976

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DISCOVERIES

New Fields

OCONEE. Shelby County, 20-10N-1E, Lingle (Devonian) at 2842'.
Discovery well, C. E. Brehm Drlg. & Prod.
#1 Vincent-Sommer, IP 20 BOP, 20 BW.

New Pay Zones in Fields

None

Extensions to Fields

ALLENDAL. Wabash County, 31-2N-11W, Salem at 2576'.
Discovery well, Gilbert A. Higgins #1 Roscoe Schafer
(OWWO, was D&A), IP 3 BOP, 100 BW.

ENFIELD. White County, 19-5S-8E, Aux Vases at 3330'.
Discovery well, J. D. Turner #2 Robert J. Wilson, Comm.,
IP 168 BOP.

TABLE I

New Pools Discovered from February 1975 through January 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|----------------------|------|------|---------------------|------|------|
| <u>February 1975</u> | | | <u>August</u> | | |
| None | | | None | | |
| <u>March</u> | | | <u>September</u> | | |
| None | | | None | | |
| <u>April</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| Louisville: | | | None | | |
| Clay | 4N | 6E | | | |
| <u>June</u> | | | <u>December</u> | | |
| | | | None | | |
| Vergennes: | | | <u>January 1976</u> | | |
| Jackson | 7S | 2W | | | |
| <u>July</u> | | | Oconee: | | |
| None | | | Shelby | 10N | 1E |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Services wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | <u>New Dry Holes</u> | | | <u>Production</u> in Thousands of Barrels | | |
|-------------|---|----------------------------------|---------------------|--------------------|----------------------|----------------------------|-----------------|--|------------|--------------|
| | Field Wells | <u>Discoveries</u> Field Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | <u>Wildcat</u> Near Far | Total New Tests | | | |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | <u>95(1)</u> | <u>0</u> | <u>1</u> | <u>90(1)</u> | <u>6</u> | <u>50</u> | <u>23</u> | <u>18</u> | <u>182</u> | <u>2,230</u> |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,080 |

1976

| | | | | | | | | | | |
|------|----|---|---|----|---|----|---|---|----|-------|
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,230 |
|------|----|---|---|----|---|----|---|---|----|-------|

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through November 1975 are from reports received directly from crude gathering companies. The figures for December 1975 and January 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, January 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|---------------------------|---------------|------------------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod | New | Conversions were Prod. | Others | |
| | | | Prod. | D&A | | | | | |
| Adams | - | 1 | - | 1 | - | - | - | - | - |
| Christian | 1 | - | - | - | - | - | - | - | - |
| Clark | 3 | 1 | - | - | - | - | 1 | - | - |
| Clay | 7 | 15 | 9 | 3 | 1 | - | 1 | 1 | - |
| Clinton | - | 1 | - | 1 | - | - | - | - | - |
| Coles | - | 2 | 1 | - | - | 1 | - | - | - |
| Crawford | 6 | 33 | 18 | 6 | - | 9 | - | - | - |
| Cumberland | 1 | - | - | - | - | - | - | - | - |
| Douglas | 3 | - | - | - | - | - | - | - | - |
| Edgar | 1 | - | - | - | - | - | - | - | - |
| Edwards | 1 | 2 | 2 | - | - | - | - | - | - |
| Effingham | - | 1 | 1 | - | - | - | - | - | - |
| Fayette | 3 | 1 | - | 1 | - | - | - | - | - |
| Franklin | 1 | 1 | - | - | - | 1 | - | - | - |
| Gallatin | - | 2 | - | - | - | 2 | - | - | - |
| Greene | - | 1 | - | 1 | - | - | - | - | - |
| Hamilton | - | 3 | - | 2 | - | - | 1 | - | - |
| Jasper | 1 | 2 | 1 | 1 | - | - | - | - | - |
| Jefferson | 1 | - | - | - | - | - | - | - | - |
| Lawrence | 27 | 8 | 2 | 4 | - | - | 2 | - | - |
| Macon | 1 | - | - | - | - | - | - | - | - |
| Macoupin | 1 | - | - | - | - | - | - | - | - |
| Madison | 2 | 1 | - | 1 | - | - | - | - | - |
| Marion | 3 | 2 | - | 2 | - | - | - | - | - |
| Perry | - | 3 | 1 | 2 | - | - | - | - | - |
| Piatt | 1 | - | - | - | - | - | - | - | - |
| Randolph | - | 1 | 1 | - | - | - | - | - | - |
| Richland | - | 6 | - | - | - | 1 | 4 | 1 | - |
| St. Clair | 1 | - | - | - | - | - | - | - | - |
| Saline | 2 | - | - | - | - | - | - | - | - |
| Sangamon | 6 | - | - | - | - | - | - | - | - |
| Shelby | 1 | 2 | 1 | - | - | - | 1 | - | - |
| Wabash | 3 | 16 | 7 | 7 | 1 | - | - | 1 | - |
| Washington | - | 1 | - | 1 | - | - | - | - | - |
| Wayne | 8 | 6 | 4 | 1 | 1 | - | - | - | - |
| White | 4 | 8 | 3 | 1 | 1 | - | 2 | 1 | - |
| Williamson | 1 | 2 | 2 | - | - | - | - | - | - |
| | 90 | 122 | 53 | 35 | 4 | 14 | 12 | 4 | - |

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Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1976, through January 29, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, January 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | 5 | - | 5 | - | - | - |
| McDonough | - | 8 | 8 | - | - | - | - |
| | 2 | 13 | 8 | 5 | - | - | - |

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Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1976, through January 29, 1976

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's log and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Creek, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

SUMMARY OF DRILLING IN ILLINOIS IN 1975*

Footage Drilled
in 1975

Number of Wells Drilled in 1975

| County | Total Completions | Total Producing | | Field | Total Dry Holes | | Producing Wells | Total |
|------------|-------------------|-----------------|-----|-------|-----------------|-----|-----------------|---------|
| | | Oil | Gas | | Wildcat | | | |
| | | | | | Near | Far | | |
| Adams | 2 | 1 | - | - | - | 1 | 664 | 1,349 |
| Bond | 5 | 1 | - | 3 | 1 | - | 584 | 4,304 |
| Brown | 2 | - | - | 1 | - | 1 | - | 1,304 |
| Christian | 24 | 9 | - | 6 | 7 | 2 | 18,182 | 50,343 |
| Clark | 9 | 7 | - | 1 | - | 1 | 4,931 | 6,156 |
| Clay | 84 | 48 | - | 34 | 2 | - | 150,909 | 260,503 |
| Clinton | 34 | 14 | - | 10 | 3 | 7 | 20,127 | 56,235 |
| Coles | 8 | 2 | 2 | - | - | 4 | 11,107 | 18,811 |
| Crawford | 95 | 78 | - | 15 | 2 | - | 80,451 | 101,793 |
| Cumberland | 13 | 2 | - | 4 | 3 | 4 | 10,440 | 40,716 |
| Douglas | 1 | - | - | 1 | - | - | - | 1,693 |
| Edgar | 4 | 2 | - | 1 | - | 1 | 877 | 4,008 |
| Edwards | 42 | 26 | - | 13 | 3 | - | 80,278 | 131,770 |
| Effingham | 14 | 5 | - | 3 | 2 | 4 | 13,850 | 43,969 |
| Fayette | 14 | 2 | - | 1 | 1 | 10 | 3,310 | 44,521 |
| Franklin | 10 | 5 | - | 3 | 1 | 1 | 16,384 | 33,321 |
| Gallatin | 10 | 1 | - | 5 | 1 | 3 | 2,958 | 27,369 |
| Hamilton | 12 | 4 | - | 5 | 2 | 1 | 12,841 | 39,767 |
| Hancock | 2 | - | - | - | 1 | 1 | - | 1,194 |
| Iroquois | 2 | - | - | - | - | 2 | - | 1,250 |
| Jackson | 4 | 3 | - | 1 | - | - | 9,997 | 13,853 |
| Jasper | 22 | 13 | - | 5 | 2 | 2 | 36,810 | 63,354 |
| Jefferson | 16 | 4 | - | 3 | 7 | 2 | 10,247 | 52,873 |
| Johnson | 2 | - | - | - | - | 2 | - | 17,449 |
| Lawrence | 46 | 26 | - | 16 | 3 | 1 | 43,073 | 83,322 |
| McDonough | 1 | - | - | - | - | 1 | - | 800 |
| Macon | 6 | 4 | - | 1 | - | 1 | 8,475 | 12,732 |
| Macoupin | 6 | 1 | - | 3 | 2 | - | 508 | 2,252 |

| | | | | | | | | |
|------------|-----|-----|---|-----|----|-----|-----------|-----------|
| Madison | 12 | 2 | - | 7 | 1 | 2 | 1,170 | 12,070 |
| Marion | 30 | 7 | - | 14 | 4 | 5 | 22,526 | 96,612 |
| Massac | 1 | - | - | - | - | 1 | - | 2,042 |
| Monroe | 1 | - | - | - | - | 1 | - | 912 |
| Montgomery | 6 | - | - | 1 | 2 | 3 | - | 11,591 |
| Morgan | 1 | 1 | - | - | - | - | 624 | 2,544 |
| Moultrie | 1 | - | - | - | - | 1 | - | 1,885 |
| Perry | 10 | - | - | 3 | 1 | 6 | - | 30,495 |
| Randolph | 11 | - | - | - | 3 | 3 | 10,984 | 21,840 |
| Richland | 11 | 4 | - | 6 | 1 | - | 13,573 | 35,089 |
| St. Clair | 5 | - | - | - | - | 5 | - | 11,228 |
| Saline | 25 | 12 | 2 | 9 | 2 | - | 40,606 | 73,795 |
| Sangamon | 27 | 8 | - | 15 | 3 | 1 | 14,330 | 48,262 |
| Schuyler | - | - | - | - | - | 1 | - | 710 |
| Shelby | 12 | 4 | - | - | - | 8 | 7,418 | 33,863 |
| Vermilion | - | - | - | - | - | 1 | - | 1,502 |
| Wabash | 60 | 36 | - | 23 | 1 | - | 90,737 | 151,107 |
| Washington | 24 | 3 | - | 2 | 10 | 9 | 5,549 | 59,272 |
| Wayne | 93 | 54 | - | 33 | 4 | 2 | 198,328 | 341,494 |
| White | 66 | 35 | - | 21 | 10 | - | 97,379 | 183,360 |
| Williamson | 23 | 4 | - | 7 | 12 | - | 10,309 | 61,874 |
| | 911 | 433 | 4 | 276 | 97 | 101 | 1,050,536 | 2,298,537 |

* Only new holes drilled as oil and gas tests. Does not include service wells, structure tests, holes drilled for natural gas storage, or old wells reworked or deepened.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

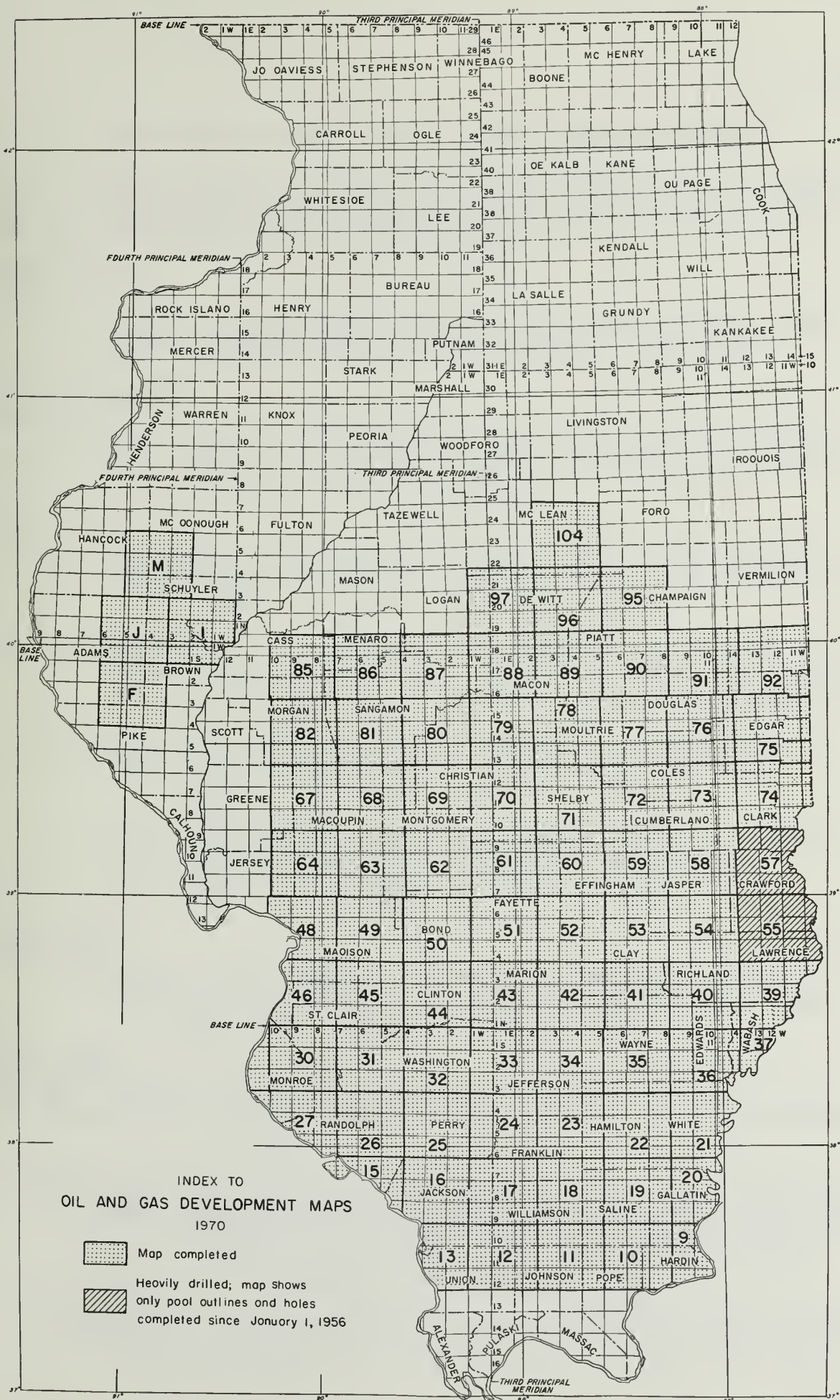
OTHER OIL AND GAS MAPS

Oil and Gas Industry Map of Illinois. Revised 1968 edition, scale 8 miles to one inch, showing oil and gas fields (producing and abandoned); crude; refined products, and natural gas pipelines, compressor and metering stations, refineries; propane and gas storage; and underground storage projects, both existing and proposed.



BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kirmundy | 73. Charleston |
| 24. DuQuoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Paris | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



INDEX TO OIL AND GAS DEVELOPMENT MAPS 1970

-  Map completed
-  Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM JANUARY 3, 1976 TO JANUARY 30, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 12, NE SE SE. Claude McElvain #7 Lauderback. Spd. 10-28-75. Comp. 1-5-76. TD 665'. D&A. Silurian, top 637'. Kellerville.

CHAMPAIGN COUNTY

20N, 7E

- 3, 449'NL, 1410'WL, NW. Peoples Gas Light & Coke Co. #1 R. Weinard. Spd. 9-2-75. Comp. 10-4-75. TD 4406'. Gas injection-withdrawal. Mt. Simon, top 4140'. Manlove.

21N, 7E

- 6, 73'NL, 138'EL, NE. Peoples Gas Light & Coke Co. #1 N. Delaney. Spd. 11-3-74. Comp. 1-7-75. TD 4265'. Gas injection-withdrawal. Mt. Simon, top 3998'. Manlove Gas Storage.

- 9, 48'NL, 96'EL, NW. The Peoples Gas Light & Coke Co. #3 C. G. Weihmeir. Spd. 7-10-74. Comp. 8-8-74. TD 4286'. Gas injection-withdrawal. Mt. Simon, top 3974'. Manlove Gas Storage.

- 15, 20'NL, 186'EL, SW. Peoples Gas Light & Coke Co. #2 O. Bidner. Spd. 9-19-75. Comp. 10-19-75. TD 4265'. Gas injection-withdrawal. Mt. Simon, top 3990'. Manlove.

- 15, 150'SL, 58'EL, NW SE. Peoples Gas Light & Coke Co. #3 O. Bidner. Spd. 8-19-75. Comp. 9-18-75. TD 4260'. Gas injection-withdrawal. Mt. Simon, top 3981'. Manlove.

CLARK COUNTY

11N, 10W

- 29, NW SE NW. J. W. Rudy Co. #1-A-SWD Cox. Conversion. Was W. W. Dayton #1 Cox. Was Devonian producer. Comp. 12-24-75. COTD 2019'. SWD. Devonian, top 2001'. Weaver.

CLAY COUNTY

2N, 6E

- 11, SE SE NW. Republic Oil Co. #1 Perrine. Abd. loc. Flora Southeast.

2N, 7E

- 4, C N/2 NE NW. Frank's Petroleum Exploration #1 M. McAllister et al. OWWO. Was Caesar J. Casolari #1 M. McAllister et al. Was plugged Aux Vases producer. OTD 3062'. Comp. 4-21-71. Recom. 12-17-74. COTD 3051'. IP 5 BOP/40 BW. Aux Vases, top 2952'. Sailor Springs Consol.

- 15, NE NW SE. Republic Oil Co. #1 Lewis. Spd. 11-3-75. Comp. 12-20-75. TD 3135'. IP 20 BOP/10 BW. Aux Vases, top 2983', frac. Clay City Consol.

CLAY COUNTY (continued)2N, 7E

15, NW NW SE. Republic Oil Co., Inc. #3 Lewis. Spd. 11-9-75. Comp. 12-10-75 (est.). TD 3033'. IP 50 BOP/5 BW. Aux Vases, top 2972', natural. Clay City Consol.

15, SW NW SE. Republic Oil Co., Inc. #4 Lewis. OWWO. Was J. W. Steele #1 Gill. Was D&A. OTD 3125'. Comp. 1-12-54. Recomp. 10-15-75. COTD 3124'. IP 25 BOP/10 BW. Aux Vases, top 2967'. Clay City Consol.

16, SW NE SE. Booth Oil Co., Inc. #1 A Hurd. Spd. 12-12-75. Comp. 12-25-75. TD 3136'. D&A. McClosky, top 3122'. Clay City Consol.

2N, 8E

Irr. 3, 330'NL, 330'WL, SW SE. Schroll Drilling Co. #1 Agnes Baylor. OWWO-OWDD. Was Shulman Bros. #1 Fildes. Was D&A. OTD 3046'. Comp. 11-25-52. Recomp. 7-20-75. DTD 3074. D&A. McClosky, top 3022'. Clay City Consol.

10, NW SE SW. Kenneth E. Beeman #5 Routt Comm. Abd. loc. Clay City Consol.

10, NW NE SE. Kenneth E. Beeman #7 Routt Comm. Abd. loc. Clay City Consol.

3N, 5E

10, 300'NL, 330'WL, NE SW. Collins Brothers Oil Co. #1 Harrison - Overturf et al. Spd. 11-23-75. Comp. 12-3-75. TD 2995'. D&A. St. Louis, top 2945' (approx.). WN - Kenner West.

4N, 5E

14, NE SW SW. K Oil, Inc. #4 L. Gibson. Spd. 10-30-75. Comp. 11-24-75. TD 2628'. IP 126 BOP. McClosky, top 2613', natural. Iola South.

4N, 6E

20, SW NE SE. McKinney Oil Prod., Inc. #3 Allan. Spd. 12-14-75. Comp. 1-20-76. TD 2895'. IP 207 BOP. McClosky, top 2866'. Louisville.

29, 330'NL, 390'WL, NE NW. Tom Kiernan #1 Tolliver. Conversion. Was Aux Vases producer. Comp. 7-21-75. COTD 2808'. Combination SWD and producer. SWD, Tar Springs, top 2208'; producer, Aux Vases, top 2764'. Louisville.

4N, 7E

3, SW SW SE. Perry Fulk #1 Bible-Smith Consolidated. Spd. 10-2-75. Comp. 1-6-76. TD 2968'. Temp. abd. McClosky, top 2887'. Sailor Springs Consol.

10, NE SE NW. Shelby A. & Sylvia Britton #1 Shelby Britton. Abd. loc. Sailor Springs Consol.

CLAY COUNTY (continued)

4N, 7E

- 12, SE SE SW. Robert E. Trimpe #1-A R. Hastings. Spd. 9-17-75.
Comp. 11-1-75. TD 2629'. D&A (SO). Cypress, top 2625'. Sailor
Springs Consol. (Erroneously run as Producer in November
1975 Drilling Report.)
- 14, SW SW NE. Harland D. Kincaid #1 Toliver. Spd. 11-8-74. Comp.
7-1-75. TD 2618'. IP 4 BOP/1 BW. Cypress, top 2610', natural.
Sailor Springs Consol.
- 25, SW SE SW. James C. Franklin #1 L. Hilderbrand. Spd. 8-11-75.
Comp. 1-13-76. TD 2994'. IP 11 BOP/trace of water. Spar Mountain,
top 2962'. Sailor Springs Consol.

5N, 7E

- 8, SW NW NE. Texaco Inc. #4 E. Landwehr, O/A North Bible Grove Unit,
Tract 19A. Conversion. Was Central Pipeline #4 E. F. Landwehr.
Was Cypress producer. Comp. 1-13-76. COTD 2515'. Water
input. Cypress, top 2472'. Sailor Springs Consol.
- 24, NW SE SW. Robison Oil Co. #2-A Carter Heirs. Spd. 9-4-75. Comp.
1-6-76. TD 2582'. IP 11 BOP/3 BW. Cypress, top 2549'. Sailor
Springs Consol.
- 25, NE NW NW. Robison Oil Co. #1 Workman. Spd. 8-27-75. Comp.
1-6-76. TD 2560'. IP 8 BOP/2 BW. Cypress, top 2540'. Sailor
Springs Consol.
- 26, C E/2 NE NE. Gifford Lee #1 Willard Workman. Spd. 10-31-74.
Comp. 7-1-75. TD 2874'. IP 12 BOP/15 BW. Aux Vases, top 2759',
frac. Sailor Springs Consol.

CLINTON COUNTY

1N, 3W

- 4, SW NW SE. T. R. Kerwin #1 Maddux 220. Spd. 10-6-75. Comp. 10-11-75.
TD 1050'. D&A. Cypress, top 1028'. Bartelso.

COLES COUNTY

12N, 7E

- Irr. 2, 1650'SL, 990'EL, SE. James R. Covington #1-F Oliver. Spd.
9-30-75. Comp. 1-13-76. TD 1941'. IP 70 BOP/30 BW. Cypress,
top 1732'. Mattoon.

13N, 11E

- Irr. 6, 50'NL, 50'EL, SE SE. Dollar Oil Co. #1-W Dollar. Spd. 1974.
Comp. 1974. TD 266'. Water input. Pennsylvanian, top 256'.
Warrenton-Borton.

CRAWFORD COUNTY

5N, 11W

- Irr. 7, 990'NL, 330'EL, NW SE. Coy Oil, Inc. #2-A Max Hodson. Spd.
12-19-75. Comp. 12-21-75. TD 994'. D&A. Robinson, top 980'.
Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

- Irr. 1, 360'NL, 330'WL, NE SW. E. L. Whitmer, Inc. #1 Wiseman Heirs.
Spd. 7-2-75. Comp. 10-10-75. TD 1020'. Waterflood producer,
IP not available. Robinson, top 744', frac. Main Consol.
- Irr. 1, 50'NL, 15'WL, NE SW. E. L. Whitmer, Inc. #GW-23 Wiseman Heirs.
Spd. 8-30-75. Comp. 10-30-75. TD 1020'. Water input. Robinson,
top 832'. Main Consol.
- Irr. 1, 660'NL, 15'WL, NE SW. E. L. Whitmer, Inc. #GW-29 Wiseman Heirs.
Spd. 5-10-75. Comp. 10-25-75. TD 1029'. Water input. Robinson,
top 840'. Main Consol.
- Irr. 2, 690'SL, 660'EL, NE SE. E. L. Whitmer, Inc. #DW-27 Coulter
Heirs. Spd. 1-22-75. Comp. 11-3-75. TD 1035'. Water input.
Robinson, top 863'. Main Consol.
- Irr. 2, 690'SL, 10'EL, NE. E. L. Whitmer, Inc. #EW-27 Coulter Heirs.
Spd. 5-6-75. Comp. 10-31-75. TD 1000'. Water input. Robinson,
top 840'. Main Consol.
- 2, NE NE SW. Energy Resources of Indiana #2 Parker Heirs. Spd.
5-28-75. Comp. 8-25-75. TD 1122'. IP 2 BOP/10 BW. Robinson,
top 854', frac. Main Consol.

6N, 12W

- 8, SE NW SW. Televest Exploration, Inc. #1 R. Rees. Spd. 7-10-75.
Comp. 9-14-75. TD 1589'. IP 2 BOP/10 BW. Aux Vases, top 1517',
frac. Main Consol.

6N, 13W

- 15, 3010'SL, 1450'WL, Sec. Marathon Oil Co. #UU-7 W. Mann M-1. Abd.
loc. Main Consol.
- 15, 1284'SL, 2045'WL, SW. Marathon Oil Co. #S-13 W. Mann. Abd. loc.
Main Consol.
- 15, 3010'SL, 1917'WL, Sec. Marathon Oil Co. #UU-9 W. Mann M-1. Abd.
loc. Main Consol.
- 15, 3010'SL, 2383'WL, Sec. Marathon Oil Co. #UU-11 W. Mann M-1. Abd.
loc. Main Consol.
- 15, 3476'SL, 1450'WL, Sec. Marathon Oil Co. #WW-7 W. Mann M-1. Abd.
loc. Main Consol.
- 15, 3943'SL, 1450'WL, Sec. Marathon Oil Co. #YY-7 W. Mann M-1. Abd.
loc. Main Consol.
- 15, 3243'SL, 283'WL, Sec. Marathon Oil Co. #VV-2 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3243'SL, 750'WL, Sec. Marathon Oil Co. #VV-4 A. Riker M-1. Abd.
loc. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 15, 3243'SL, 1217'WL, Sec. Marathon Oil Co. #VV-6 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3476'SL, 72'WL, Sec. Marathon Oil Co. #WW-1 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3476'SL, 517'WL, Sec. Marathon Oil Co. #WW-3 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3476'SL, 983'WL, Sec. Marathon Oil Co. #WW-5 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3710'SL, 283'WL, Sec. Marathon Oil Co. #XX-2 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3710'SL, 750'WL, Sec. Marathon Oil Co. #XX-4 A. Riker M-1. Spd.
3-26-75. Comp. 3-31-75. TD 970'. Water input. Robinson, top
925' (est.). Main Consol.
- 15, 3710'SL, 1217'WL, Sec. Marathon Oil Co. #XX-6 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3943'SL, 72'WL, Sec. Marathon Oil Co. #YY-1 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3943'SL, 517'WL, Sec. Marathon Oil Co. #YY-3 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 3943'SL, 983'WL, Sec. Marathon Oil Co. #YY-5 A. Riker M-1. Abd.
loc. Main Consol.
- 15, 829'SL, 215'WL, SW. Marathon Oil Co. #P-2 R. A. Siler M-1. Abd.
loc. Main Consol.
- 15, 907'SL, 3690'WL, Sec. Marathon Oil Co. #LL-16 Wakefield Heirs M-1.
Spd. 6-25-75. Comp. 6-27-75. TD 950'. D&A. Robinson, top 900'
(approx.). Main Consol.
- 15, 1399'SL, 3690'WL, Sec. Marathon Oil Co. #NN-16 Wakefield Hrs. M-1.
Spd. 6-20-75. Comp. 6-25-75. TD 955'. D&A. Robinson, top 910'
(est.). Main Consol.
- 15, 1645'SL, 3947'WL, Sec. Marathon Oil Co. #OO-17 Wakefield Hrs. M-1.
Abd. loc. Main Consol.
- 15, 415'SL, 3690'WL, Sec. Marathon Oil Co. #JJ-16 Wakefield Hrs. M-1.
Abd. loc. Main Consol.
- 16, 1489'SL, 165'EL, SE. Marathon Oil Co. #T-0 Sally Carlisle. Spd.
8-7-75. Comp. 8-8-75. TD 955'. Oil well, IP not available.
Robinson, top 899', natural. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 16, 1819'SL, 165'EL, SE. Marathon Oil Co. #V-0 Sally Carlisle. Spd. 8-9-75. Comp. 8-20-75. TD 955'. Oil well, IP not available. Robinson, top 912', natural. Main Consol.
- 16, 221'SL, 140'EL, SE. Marathon Oil Co. #L-0 F. L. Dewey et al. Spd. 8-29-75. Comp. 9-2-75. TD 940'. Oil well, IP not available. Robinson, top 892', nat. Main Consol.
- 16, 499'SL, 165'EL, SE. Marathon Oil Co. #N-0 F. L. Dewey et al. Spd. 8-15-75. Comp. 8-20-75. TD 940'. Oil well, IP not available. Robinson, top 885', nat. Main Consol.
- 16, 829'SL, 165'EL, SE. Marathon Oil Co. #P-0 F. L. Dewey et al. Spd. 8-13-75. Comp. 8-15-75. TD 950'. Oil well, IP not available. Robinson, top 887', nat. Main Consol.
- 16, 1159'SL, 165'EL, SE. Marathon Oil Co. #R-0 F. L. Dewey et al. Spd. 8-12-75. Comp. 8-13-75. TD 945'. Oil well, IP not available. Robinson, top 889', nat. Main Consol.
- 21, 1151'NL, 165'EL, NE. Marathon Oil Co. #D-0 R. A. Siler. Spd. 7-21-75. Comp. 7-22-75. TD 945'. Oil well, IP not available. Robinson, top 904', nat. Main Consol.
- 21, 821'NL, 165'EL, NE. Marathon Oil Co. #F-0 R. A. Siler. Spd. 7-23-75. Comp. 7-24-75. TD 935'. Oil well, IP not available. Robinson, top 912', nat. Main Consol.
- 21, 491'NL, 165'EL, NE. Marathon Oil Co. #H-0 R. A. Siler. Spd. 7-24-75. Comp. 7-25-75. TD 940'. Oil well, IP not available. Robinson, top 891', nat. Main Consol.
- 21, 161'NL, 165'EL, NE. Marathon Oil Co. #J-0 R. A. Siler. Spd. 7-18-75. Comp. 7-20-75. TD 930'. Oil well, IP not available. Robinson, top 877', nat. Main Consol.
- 21, 1481'NL, 165'EL, NE. Marathon Oil Co. #B-0 J. H. Wasson. Spd. 9-22-75. Comp. 9-23-75. TD 945'. Oil well, IP not available. Robinson, top 883', nat. Main Consol.
- 22, 1481'NL, 875'WL, NW. Marathon Oil Co. #B-6 A. V. Burch. Spd. 8-11-75. Comp. 8-13-75. TD 930'. Oil well, IP not available. Robinson, top 904', nat. Main Consol.
- 22, 1481'NL, 1205'WL, NW. Marathon Oil Co. #B-8 A. V. Burch. Spd. 8-7-75. Comp. 8-8-75. TD 935'. Oil well, IP not available. Robinson, top 902', nat. Main Consol.
- 22, 1481'NL, 545'WL, NW. Marathon Oil Co. #B-4 E. C. Burch. Spd. 8-13-75. Comp. 8-15-75. TD 930'. Oil well, IP not available. Robinson, top 906', nat. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 22, 1151'NL, 1205'WL, NW. Marathon Oil Co. #D-8 J. N. Burch M-1. Abd. loc. Main Consol.
- 22, 161'NL, 215'WL, NW. Marathon Oil Co. #J-2 J. N. Burch M-1. Abd. loc. Main Consol.
- 22, 1302'NL, 4414'WL, Sec. Marathon Oil Co. #CC-19 E. E. Martin M-1. Abd. loc. Main Consol.
- 22, 815'NL, 4354'WL, Sec. Marathon Oil Co. #EE-19 E. E. Martin M-1. Spd. 7-10-75. Comp. 7-11-75. TD 930'. D&A. Robinson, top 900' (approx.). Main Consol.
- 22, 1316'NL, 1700'WL, NW. Marathon Oil Co. #C-11 H. Martin. Abd. loc. Main Consol.
- 22, 1151'NL, 1865'WL, NW. Marathon Oil Co. #D-12 H. Martin. Spd. 8-26-75. Comp. 8-27-75. TD 920'. D&A. Robinson, top 880' (approx.). Main Consol.
- 22, 986'NL, 1700'WL, NW. Marathon Oil Co. #E-11 H. Martin. Abd. loc. Main Consol.
- 22, 986'NL, 2030'WL, NW. Marathon Oil Co. #E-13 H. Martin. Abd. loc. Main Consol.
- 22, 1303'NL, 1917'WL, NW. Marathon Oil Co. #CC-9 H. Martin M-1. Abd. loc. Main Consol.
- 22, 1302'NL, 3433'WL, Sec. Marathon Oil Co. #CC-15 Wakefield-Martin Comm. M-1. Abd. loc. Main Consol.

7N, 13W

- 15, 121'NL, 929'WL, SE SW. Marathon Oil Co. #R-12 Sam Henry A/C 1 219-R. Spd. 5-17-73. Comp. 11-30-74. TD 989'. Water input. Robinson, top 966'. Main Consol.
- 15, 483'NL, 500'EL, SW SW. Marathon Oil Co. #R-15 Sam Henry, A/C 1, 219-R. Spd. 2-28-73. Comp. 11-4-74. TD 1018'. Water input. Robinson, top 986', shot. Main Consol.
- 15, 381'NL, 399'EL, SW. Marathon Oil Co. #R-2 John Stentz 219-R. Spd. 5-23-73. Comp. 11-20-74. TD 1010'. Water input. Robinson, top 980'. Main Consol.
- 16, 508'SL, 1165'WL, SE SE. Marathon Oil Co. #R-20 Sam Henry, A/C 1, 219-R. Spd. 2-23-73. Comp. 11-6-74. TD 1030'. Water input. Robinson, top 993'. Main Consol.
- 17, 660'SL, 710'EL, SW SW. Marathon Oil Co. #58 J. G. McKnight, A/C 1. Spd. 11-12-75. Comp. 12-12-75. TD 2960'. IP 39.8 BOP/1.2 BW. Devonian, top 2740'. Main Consol.

CRAWFORD COUNTY (continued)

7N, 13W

- 21, 40'SL, 950'EL, NE. Marathon Oil Co. #MM-602 Francis Wood. Spd.
7-12-74. Comp. 7-15-74. TD 140'. Junked hole. Main Consol.

EDWARDS COUNTY

1N, 10E

- 4, 330'NL, 255'WL, SW NE. Juniper Petroleum Corp. #32-4 Nolan. Spd.
9-22-75. Comp. 11-20-75. TD 3207'. IP 3 BOP/160 BW. Aux Vases,
top 3147', mca and frac. Maple Grove Consol.

2S, 10E

- 24, 410'SL, 470'WL, NE. Nick Babare, Jr. #4 Wick. Abd. loc. Albion
Consol.

2S, 14W

- 34, NW NW NE. M. V. Ring #4 R. M. Johnson. Spd. 11-10-74. Comp.
3-18-75. TD 2839'. IP 5 BOP/2 BW. Bethel, top 2764', mca and
frac. New Harmony Consol.

EFFINGHAM COUNTY

6N, 7E

- 21, C E/2 SE SW. Shakespeare Oil Co. #2 Arthur Joergens. Spd. 12-5-75.
Comp. 1-1-76. TD 2914'. IP 40 BOP/trace of water. Spar Mountain,
top 2873'; McClosky, top 2885', acid. Sailor Springs Consol.

FAYETTE COUNTY

5N, 1W

- 24, C S/2 SE SW. Juniper Petroleum Corp. #48-24 Stericker. Spd. 1-6-76.
Comp. 1-16-76. TD 2965'. D&A. Silurian, top 2930' (approx.). WF.

FRANKLIN COUNTY

6S, 2E

- 36, 1125'NL, 200'WL, NE. Shell Oil Co. #254 Benton Flood Unit. Spd.
6-17-75. Comp. 6-28-75. TD 2275'. Observation well. Tar Springs,
top 2110'. Benton.

7S, 4E

- 1, SW NW NE. William E. Lampley #1-L Franklin County Mining Co.
OWWO. Was Carter Oil Co. #1 Trustee Tract #24. D&A (SO).
OTD 3463'. Comp. 6-23-51. Recom. 1-6-76. COTD 3463'.
D&A. McClosky, top 3395'. Dale Consol.

GALLATIN COUNTY

8S, 10E

- 6, NW SW NW. Joe Simpkins Oil Dev. #2 Short-Wilson-Downen Comm.
Spd. 7-1-75. Comp. 7-23-75. TD 2805'. Water input. Aux Vases,
top 2777'. Inman West Consol.

- 21, 20'SL, 20'WL, SE. Western Oil, Ltd. #1 W.S. Harliss Johnson.
Spd. 12-5-75. Comp. 12-11-75. TD 86'. WSW. Alluvial material,
top 76'. Inman East Consol.

GREENE COUNTY11N, 12W

- 22, 605'SL, 793'WL, NW NE. B. M. Baker #1 C. E. Roodhouse. Spd.
8-30-73. Comp. 11-30-73 (est.). TD 422'. D&A. Devonian, top
419'. WF.

HAMILTON COUNTY4S, 7E

- 12, 330'SL, 405'EL, SW SW. Jerry L. Reiter #1-A Clell Thomas. Spd.
12-14-75. Comp. 1-23-76. TD 3550'. D&A. McClosky, top 3458'.
Bungay Consol.

6S, 6E

- 28, SW NE SE. Chris Pearson #1 Johnson. Conversion. Was Loudon
Pipeline Co. #1 Johnson Comm. Was D&A. OTD 3135'. OWWO for
Aux Vases producer by Chris Pearson 5-17-61. Comp. 3-12-74.
COTD 1775'. SWD. Pennsylvanian, top 1740'. Walpole.

7S, 5E

- 6, 990'NL, 810'WL, SE SE. Joe A. Dull #A-1 Knight. Spd. 11-12-75.
Comp. 1-20-76. TD 2869'. Temp. abd. Cypress, top 2864'. Dale
Consol.

JASPER COUNTY6N, 9E

- 25, 710'SL, 680'EL, SW SE. Bellair Oil Co. #1-B Newlin. Spd.
12-19-75. Comp. 12-27-75. TD 3025'. D&A. McClosky, top 2985'
(approx.). Clay City Consol.

7N, 10E

- 35, 330'SL, 430'WL, SW. Parrish Production Co. #1 T. F. Bergbower
Consolidated. Spd. 11-14-75. Comp. 11-26-75. TD 3053'. IP 9 BOP/
1 BW. McClosky, top 2693', acid and frac. Clay City Consol.

LAWRENCE COUNTY2N, 12W

- Irr. 1, 330'SL, 570'EL, SW. Caliente Oil Co. #1 Tustin. Spd. 10-6-75.
Comp. 12-3-75. TD 328'. D&A. Pennsylvanian, top 306'. Lawrence.

3N, 12W

- 4, NW SE NW. Richard W. Beeson #1 Roscoe D. Cunningham. Spd. 12-20-75.
Comp. 1-8-76. TD 3300'. D&A. Devonian, top 3166'. Lawrence.

- 17, C SE SW. Televest Exploration, Inc. #1-SWD Rogers Heirs. Abd. loc.
Lawrence.

- 19, 660'NL, 10'EL, SW NW. Marathon Oil Co. #LL-28 Gray Estate. Con-
version. Was E. L. Whitmer #G-2 Allen Gray. Was Bethel producer.
Comp. 12-9-75. TD 1975'. Water input. Bethel, top 1920'.
Lawrence.

4N, 12W

- 18, 710'NL, 660'WL, NW. Marathon Oil Co. #53 A. R. Applegate Trustees.
Spd. 8-24-75. Comp. 11-19-75. TD 3200'. Temp. abd. Devonian,
top 2960'. Lawrence.

LAWRENCE COUNTY (continued)

4N, 12W

19, 653'SL, 644'EL, SE. Marathon Oil Co. #43 G. L. Miller. Spd. 9-24-75. Comp. 10-24-75. TD 3100'. IP 120 BOP/38 BW. Devonian, top 2882', acid. Lawrence.

29, 586'NL, 752'WL, SW. Marathon Oil Co. #78 J. B. Lewis. Spd. 7-22-75. Comp. 8-21-75. TD 3132'. IP 25 BOP/42 BW. Devonian, top 2911', acid. Lawrence.

31, 2075'SL, 1975'EL, SE. Marathon Oil Co. #P-34-55 J. L. Kimmel, a/c 1. Conversion. Was McClosky producer. Comp. 11-24-75. COTD 1050'. Water input. Bridgeport, top 1020'. Lawrence.

4N, 13W

28, NW SE NE. Black & Black Oil Co. #1 R. C. Mason. Spd. 12-15-75. Comp. 1-6-76. TD 2425'. D&A. McClosky, top 2412'. WN - Sumner Central.

MADISON COUNTY

6N, 6W

26, SW NW NW. Fairfield Oil Co. #3 Wray. Spd. 12-24-75. Comp. 1-10-76. TD 600'. D&A. Pennsylvanian, top 556'. Livingston East.

MARION COUNTY

1N, 2E

6, C W/2 NW SE. Texaco, Inc. #25 G. S. Johnson "B" Lse., O/A Salem Unit, Tract 179. Conversion. Was Devonian producer deepened to Trenton producer converted to Trenton water input. Comp. 12-31-75. COTD 3468'. IP 14 BOP/285 BW. Devonian, top 3390'. Salem Consol.

Irr. 7, 660'SL, 330'WL, SW NE. Texaco, Inc. - Salem Unit Tract 185-10. Conversion. Was Devonian producer converted to Aux Vases water input. Comp. 1-6-76. COTD 3468'. IP 13 BOP/859 BW. Devonian, top 3405'. Salem.

2N, 4E

20, 330'NL, 440'EL, SW. Leland Monken #1 Lowell Lagow. Spd. 12-18-75. Comp. 1-6-76. TD 2744'. D&A. McClosky, top 2720'. Iuka South.

3N, 3E

29, SE SW NW. C. E. Brehm Drlg. & Prod. #2 Donoho. Spd. 2-9-75. Comp. 2-20-75. TD 3961'. D&A. Devonian, top 3880' (approx.). Brubaker.

PERRY COUNTY

4S, 1W

5, NW SW NE. Juniper Petroleum Corp. #53-5 Kuberski. Spd. 12-18-75. Comp. 1-24-76. TD 1606'. D&A. Fredonia, top 1594'. WN - Dubois Central.

PERRY COUNTY (continued)

4S, 1W

- 22, NW SE NE. George A. Thompson #4 Majewski. Spd. 10-20-75. Comp. 11-7-75. TD 1173'. IP 1 BOP & 2.1 mm CFG/day. Cypress, top 1114', nat. Tamaroa.

5S, 2W

- 28, NW SW SW. Dale C. Biby #1 Szarek. Spd. 12-11-75. Comp. 12-16-75. TD 1403'. D&A. Aux Vases, top 1335' (approx.). WF.

RANDOLPH COUNTY

4S, 5W

- 16, NE SW SW. Jet Oil Co. #3 Bingle. Abd. loc. Tilden.
- 16, 330'NL, 305'EL, SE NW. Jet Oil Co. #10 C. Easdale. Spd. 7-10-75. Comp. 11-1-75. TD 2300'. IP 10 BOP/70 BW. Silurian, top 2154', acid. Tilden.

RICHLAND COUNTY

3N, 9E

- 9, 622'SL, 330'WL, SW NW. Union Oil Co. of California #8 John O. Coen. Conversion. Was Cypress producer. Comp. 6-30-75. COTD 2620'. Water input. Cypress, top 2580'. Clay City Consol.
- Irr. 19, 660'SL, 660'WL, SE. Donald E. Schmitt #1-SWD Harold Van Blaricum "A". OWWO & Conversion. Was Pure Oil Co. #1 R. M. Rusk "A". Was abandoned McClosky and Salem producer. OTD 3798'. Comp. 8-17-43. Recom. 8-12-75. COTD 890'. SWD. Pennsylvanian, top 660'. Clay City Consol..
- 25, 655'NL, 1235'WL, SE. Shakespeare Oil Co., Inc. #1 W.S.W. M. Runyon, Tract 6. Spd. 10-6-75. Comp. 12-4-75. TD 250'. WSW. Pennsylvanian, top 178'. Clay City Consol.
- 25, NW NE SE. Shakespeare Oil Co., Inc. #1-A M. Runyon, Tract 7. Conversion. Was Aimco, Inc. #1-A M. Runyon. Was Spar Mountain producer. Comp. 10-15-75. COTD 3090'. Water input. Spar Mountain, top 3067'. Clay City Consol.
- 25, NE SW SE. Shakespeare Oil Co. Inc. #1 R. Runyon, Tract 11. Conversion. Was Aimco, Inc. #1 R. Runyon. Was Spar Mountain producer. Comp. 10-16-75. COTD 3100'. Water input. Spar Mountain, top 3090'. Clay City Consol.
- 25, NW SE NE. Shakespeare Oil Co., Inc. #1-A B. Totten, Tract 3. Conversion. Was Aimco, Inc. #2 Totten. Was Spar Mountain producer. Comp. 10-14-75. COTD 3070'. Water input. Spar Mountain, top 3058'. Clay City Consol.

3N, 10E

- 21, SW NE SW. W. H. Kinsell #1 Jones. OWWO. Was W. H. Kinsell #1 Jones. Was plugged McClosky producer. OTD 3204'. Comp. 9-27-69. Recom. 8-25-75. COTD 3188'. IP 9 BOP/trace of water. Spar Mountain, top 3144'. Olney South.

SHELBY COUNTY

10N, 1E

- 20, SW SE SW. C. E. Brehm Drlg. & Prod. #1 Vincent Sommer. Spd. 1-19-75. Comp. 3-1-75. TD 3139'. IP 20 BOP/20 BW. Devonian (Lingle), top 2842', nat. DISCOVERY OF OCONEE FIELD.

10N, 4E

- 17, SE NE NW. Schaefer Oil Co. #1 Flenner. Conversion. Was Sohio Petroleum Co. #1 Flenner. Was Aux Vases producer. Comp. 11-30-75. COTD 1782'. Water input. Aux Vases, top 1774'. Clarksburg.

WABASH COUNTY

1N, 12W

- 16, NW SE SE. Raymond Brinkley #3 Haase. Spd. 12-19-75. Comp. 12-28-75. TD 2198'. D&A. Bethel, top 2157'. Allendale.
- 18, SW SW SE. Petro-Halogen Corp. #1 Tennis et al. Comm. Spd. 12-13-75. Comp. 12-16-75. TD 1625'. D&A. Formation and top not available. Allendale.
- 22, NW SE NW. James M. Miller #1 Dalbern Courter. Spd. 12-5-75. Comp. 1-13-76. TD 2400'. IP 95 BOP. McClosky, top 2349'. Allendale.
- 22, SE SE NW. James M. Miller #1 J. W. Leek. Spd. 12-27-75. Comp. 1-7-76. TD 2390'. D&A. McClosky, top 2301'. Allendale.
- 32, SE NW NE. Southern Triangle Oil Co. #1-A Craig. Spd. 12-10-75. Comp. 12-18-75. TD 2410'. D&A. McClosky, top 2376'. Allendale.

1N, 14W

- 27, NE SE SE. Juniper Petroleum Corp. #87-27 Lampley et al. Unit. Spd. 12-5-75. Comp. 12-19-75. TD 3700'. D&A. Ullin, top 3546'. Gards Point Consol.

2N, 11W

- Irr. 31, 330'SL, 330'WL, NW NE. Gilbert A. Higgins #1 Roscoe Schafer. OWWC. Was E. P. Dupont. Was D&A. OTD 5143'. Comp. 1-1-55. Recom. 10-1-74. COTD 5143'. IP 3 BOP/100 BW. Salem, top 2576'. EXTENSION TO ALLENDALE FIELD.

2N, 12W

- 33, SE NE NE. Caliente Oil Co. #1 Robert A. Gher. Spd. 12-22-75. Comp. 12-29-75. TD 2329'. D&A (SO). Spar Mountain-McClosky, top 2239'. Allendale.

1S, 12W

- Irr. 7, 990'SL, 330'WL, NW. Andy G. Hocking #1 Kieffer et al. Comm. Spd. 1-11-76. Comp. 1-20-76. TD 3094'. D&A. Salem, top 2718'. Mt. Carmel.

1S, 13W

- 12, SW NE NE. Spartan Petroleum Co. #1 Theodore Haase et al. Comm. Spd. 11-12-75. Comp. 1-10-76. TD 3387'. IP 10 BOP/20 BW. Salem, top 3082'. Mt. Carmel.

WABASH COUNTY (continued)1S, 13W

- 13, NE SW SW. Spartan Petroleum Co. #1-SWD Robert Mounts. OWWO.
Conversion. Was R. Halbert #1 E. M. Chapman. Was D&A. OTD 2619'.
Comp. 8-26-52. Recomp. 12-19-75. COTD 2619'. SWD.
Tar Springs, top 2002'. New Harmony Consol.
- 24, 400'NL, 400'WL, NW. Spartan Petroleum Co. #1 Herman Steckler.
Spd. 11-1-75. Comp. 12-15-75. TD 3212'. IP 10 BOP/10 BW.
Salem, top 2958', mca and frac. New Harmony Consol.
- 34, 330'SL, 500'WL, SE. John W. Alka #4-A E. E. Alka. Spd. 12-11-75.
Comp. 1-6-76. TD 2309'. IP 43 BOP/trace of water. Palestine,
top 1714'; Waltersburg, top 1952'; Cypress, top 2303', nat.
New Harmony Consol.

2S, 13W

- Irr. 31, 1700'SL, 1004'EL, SW. Gilbert A. Higgins #1 Akin-Parmenter
Unit. Spd. 11-17-75. Comp. 1-20-76. TD 2506'. IP 72 BOP/trace
of water. Tar Springs, top 2082'; Cypress, top 2456', frac.
New Harmony Consol.
- Irr. 31, 1040'SL, 1004'EL, SW. Gilbert A. Higgins #1 C & R Akin.
Spd. 11-22-75. Comp. 1-20-76. TD 2508'. IP 50 BOP/10 BW.
Tar Springs, top 2077'. New Harmony Consol.
- Irr. 31, 330'NL, 990'EL, NW. Gilbert A. Higgins #1 Elkins-Parmenter
Comm. 12-11-75. Comp. 1-20-76. TD 2098'. IP 31 BOP/trace of
water. Tar Springs, top 2082', frac. New Harmony Consol.

WASHINGTON COUNTY1N, 1W

- 27, NE SE NW. George E. Kuhn #1-B Harry Mitchell. Spd. 12-12-75.
Comp. 12-16-75. TD 1476'. D&A. Benoist, top 1470' (est.).
Wamac West.

WAYNE COUNTY1N, 6E

- 22, C N/2 SW NE. Robert B. Britton #1 Williamson. OWWO. Was Pioneer
Drilling Co. & G. B. Howell #2 M. Williamson. Was D&A. OTD 3255'.
Comp. 9-23-41. Recomp. 2-10-75. COTD 3252'. IP 4 BOP/20 BW.
McClosky, top 3202'. Johnsonville Consol.

1N, 8E

- 14, 656'SL, 572'EL, NW. Union Oil of Calif. #3 Ed Brinker A. Spd.
11-12-75. Comp. 12-15-75. TD 3870'. IP 48 BOP/168 BW. Salem,
top 3424', acid. Clay City Consol.
- 16, NE SW SE. Richard W. Beeson #1 Feller-Secrest. Spd. 11-1-75.
Comp. 1-20-76. TD 3880'. IP 150 BOP. Salem, top 3590', acid.
Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

28, SE SE NW. Booth Oil Co. #1 Cisne. Spd. 1-5-76. Comp. 1-12-76.
TD 3216'. D&A. McClosky, top 3189'. Rinard North.

1S, 8E

11, 370'SL, 890'EL, SW. Hobson Oil Co. #A-3 Wylie. Spd. 12-14-75.
Comp. 1-7-76. TD 2763'. IP 20 BOP/5 BW. Cypress, top 2759',
nat. Clay City Consol.

2S, 9E

31, SW SW NW. R. L. Van Fossan #1 Vaughn-Whittmond. Spd. 11-2-75.
Comp. 12-13-75. TD 3310'. IP 92 BOP/10 BW. Aux Vases, top
3270', frac. Barnhill.

WHITE COUNTY

3S, 14W

Irr. 28, 27'NL, 198'WL, NE. Jack L. Elliott, Doyle Frankland, Donald
L. Graham, Clyde W. Wilson #2 Eastwood. Conversion. Was Abner
Carey #2 Mitt-Eastwood. Was Waltersburg producer. Comp.
11-1-74. COTD 2192'. Water input. Waltersburg, top
2181'. New Harmony Consol.

4S, 14W

34, SW NE NE. The Superior Oil Co. #2 H. C. Ford et al. "E". OWDD.
Was Superior Oil Co. #E-2 H. C. Ford. Was Tar Springs and Cypress
producer. OTD 2828'. Comp. 1-18-44. Recom. 1-4-76.
DTD 2911'. IP 46 BOP/146 BW. McClosky, top 2830'.
New Harmony Consol.

34, NW NW NE. The Superior Oil Co. #1 H. C. Ford et al. "F". Conver-
sion. Was McClosky producer converted to Tar Springs and Cypress
water input. Comp. 8-12-75. COTD 2950'. Water input.
Tar Springs, top 2189'; Cypress, top 2586'; McClosky,
top 2949'. New Harmony Consol.

34, 280'SL, 687'WL, NW. The Superior Oil Co. #21 H. E. Given. Spd.
11-4-75. Comp. 12-23-75. TD 3375'. IP 164 BOP/85 BW. Ohara,
top 2890'; McClosky, top 2960'; St. Louis, top 3102', acid
and frac. New Harmony Consol.

34, 912'NL, 330'WL, SW. The Superior Oil Co. #22 H. E. Given. Spd.
11-28-75. Comp. 1-25-76. TD 3400'. IP 15 BOP/10 BW. McClosky,
top 2888'; St. Louis, top 3252'. New Harmony Consol.

5S, 8E

19, SW SW NE. J. D. Turner #2 Robert J. Wilson Comm. Spd. 10-7-75.
Comp. 1-13-76. TD 3384'. IP 168 BOP. Aux Vases, top 3330'.
EXTENSION TO ENFIELD FIELD.

34, NE NW SE. J. D. Turner #2 John R. Hillyard et al. Spd. 12-26-75.
Comp. 1-5-76. TD 3435'. D&A. Spar Mountain, top 3352'. WN -
Enfield.

WHITE COUNTY (continued)

5S, 10E

- 1, NW NE SW. Royal Cantrell #B-1 Henry Garner. OWWO. OWDD. Was Keystone Oil Co. #B-1 Henry Garner. Was D&A. OTD 2008'. Comp. 2-1-55. Recomp. 1-6-76. COTD 2353'. IP 13 BOP/trace of water. Palestine, top 2119'. Phillipstown Consol.

6S, 9E

- 19, SE NW NE. Union Oil Co. of California #2 Ora Phillips, Walnut Grove Unit. Conversion. Was Carter Oil Co. #2 Ora Phillips. Was Cypress and Bethel producer. Comp. 12-17-75. COTD 2832'. Water input. Cypress, top 2675'; Bethel, top 2816'. Roland Consol.

WILLIAMSON COUNTY

8S, 2E

- 34, C W/2 SE NE. C. E. Brehm Drlg. & Prod. #2 Garrett. Spd. 1-31-75. Comp. 2-6-75. TD 2527'. IP 4 BOP/trace of water. Aux Vases, top 2430', frac. Whiteash.
- 35, 380'SL, 330'EL, NW NW. C. E. Brehm Drlg. & Prod. #4 Peabody. Spd. 1-22-75. Comp. 1-29-75. TD 2525'. IP 5 BOP/7 BW. Aux Vases, top 2446', nat. Whiteash.

PRODUCING WELL PLUGGING RECEIVED BY SURVEY THROUGH JANUARY 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

- 13-9N-14W, SW SE NE. Ralph Bennett #1 Ralph Bennett. 500'. 5-13-75.
Martinsville.
- 23-9N-14W, 220'NL, 220'WL, SE SW. Pure Oil Co. #45 J. P. Bennett. 498'.
6-9-75. Johnson South.
- 23-9N-14W, 220'NL, 10'EL, NW SW SW. Pure Oil Co. #20 J. Cribelar. 484'.
9-26-75. Johnson South.
- 30-10N-13W, 990'SL, 300'WL, NW NW. J. E. Rocke #2 McFarland. 1581'.
12-24-75. Martinsville.

CLAY COUNTY

- 14-2N-7E, 330'NL, 990'WL, SW NW. David F. Herley #1 Frost. 3157'. 12-22-75.
Clay City Consol.
- 20-4N-6E, SE NE SE. McKinney Oil Prod., Inc. #2 Allen. 2877'. 4-12-75.
Louisville.

CLINTON COUNTY

- 23-1N-1W, SE SE SW. George E. Kuhn #1 Aster Fields, formerly Leonard Fields.
1549'. 11-5-75. Wamac West.
- 28-2N-1W, 380'SL, 330'WL, SE NW. M. Mazzarino #1-A Gullick. 1442'.
6-15-72. Shattuc.
- 26-3N-3W, NE NE NE. John F. Dunnill #2 Wieter-Johnson. 1160'. 10-31-75.
Carlyle North.
- 26-3N-3W, SW NE NE. John F. Dunnill #3 Wieter-Johnson. 1150'. 10-30-75.
Carlyle North.

COLES COUNTY

- 2-11N-7E, SE NW NW. Carter Oil Co. #4 Elizabeth Ganley. 2035'. 12-11-75.
Mattoon.
- 22-12N-7E, SE NE SE. Thomas B. Mask #1-A Jones. 3127'. 12-2-75. Mattoon.
- 34-12N-7E, 133'SL, 47'EL, NE SE. Doran Oil Properties #1 Minnie Seaman,
formerly Simpson & Davis. 1990'. 12-10-75. (Salt water disposal,
formerly a producer.) Mattoon.
- 34-12N-7E, 183'SL, 47'EL, NE SE. Simpson & Davis #1-A Minnie Seaman. 1812'.
12-9-75. Mattoon.
- 16-13N-14W, 110'SL, 990'WL, NE. Howard Rayburn #4R Rosa Washburn Est. 430'.
11-12-75. Ashmore East.

CRAWFORD COUNTY

- 23-5N-11W, NW NW NW. C. W. Kendall #1 Kahre. 1038'. 12-11-75. Main
Consol.
- 23-5N-11W, NE NW NW. C. W. Kendall #2 Kahre. 1011'. 12-16-75. Main
Consol.
- 6-5N-12W, SW SW SE. Frederking & Wagemann #2 C. Bryant. 1433'. 10-16-75.
Main Consol.
- 6-5N-12W, SW SW SW. Carmax Industries #5 Frost Heirs, formerly Frederking
& Wagemann. 1379'. (Water input, formerly a producer.) Main Consol.

CRAWFORD COUNTY (continued)

- 20-6N-12W, 160'NL, 200'WL, SW. Ohio Oil Co. #3 W. A. Eagleton, formerly Red Bank #1. 966'. 10-17-75. (Gas input, formerly a producer.) Main Consol.
- 15-6N-13W, 1115'NL, 250'WL, SW. Ohio Oil Co. #12 Bassom & Siler. 945'. 7-8-75. Main Consol.
- 15-6N-13W, 790'SL, 730'WL, SW. Ohio Oil Co. #D-97 R. A. Siler, formerly Benedum-Trees #11. 996'. 8-20-75. (Water input, formerly a producer.) Main Consol.
- 4-7N-13W, SW NW SW. George S. Hammonds #0-11 Wilkin Heirs. 1014'. 10-6-75. Main Consol.
- 4-7N-13W, 280'SL, 310'EL, NW SW. Forest Oil Corp. #N-20 I. Wilkin. 969'. 10-1-75. Main Consol.
- 8-7N-13W, 280'NL, 290'EL, NW NE SE. Forest Oil Corp. #K-27 Headley Unit. 979'. 9-30-75. Main Consol.
- 8-7N-13W, 155'NL, 295'WL, NE NE SE. Forest Oil Corp. #L-27 Headley Unit (Oblong Pool). 990'. 9-29-75. Main Consol.
- 8-7N-13W, 320'SL, 250'EL, NW SE SE. Forest Oil Corp. #29-K Stifle Unit. 984'. 9-10-75. Main Consol.
- 8-7N-13W, 310'NL, 230'EL, SW SE SE. Forest Oil Corp. #30-K Stifle Unit. 1003.8'. 9-23-75. Main Consol.
- 8-7N-13W, 240'NL, 275'EL, SE SE SE. Forest Oil Corp. #L-30 J. A. Stifle. 999'. 9-25-75. Main Consol.
- 11-7N-13W, SE NE SW. Ohio Oil Co. #25 J. W. Darrough. 982'. (Erroneously reported as plugged in January, 1973 Drilling Report.)
- 11-7N-13W, 200'SL, 200'WL, SE. Hoyt Lovelace #4 Randolph, formerly Ohio Oil Co. 933'. 12-10-75. (Water input, formerly a producer.) Main Consol.
- 22-7N-13W, 330'SL, 430'EL, SW NW. Ohio Oil Co. #12 S. J. Henry, a/c 1. 1014'. 10-15-75. Main Consol.
- 28-7N-13W, 445'NL, 430'WL, NE NW. Indiana Farm Bureau Coop. Assoc. #1-A Viola Dees. 980'. 7-14-75. Main Consol.
- 28-7N-13W, 1026'NL, 430'WL, NE NW. Indiana Farm Bureau Coop. #2-A Viola Dees. 982'. 7-17-75. Main Consol.

EDWARDS COUNTY

- 30-1N-14W, SW SW NE. Magnolia Petro. Co. #2 Howard-Obold Unit. 2911'. 10-24-75. Samsville North.

FAYETTE COUNTY

- 30-5N-3E, SE NE SW. Homer Luttrell et al. #2 Hollman. 1916'. 10-16-75. St. Paul.
- 32-8N-3E, 1049'NL, 330'WL, NE. Carter Oil Co. #3 Mary Blurton, formerly Oils Inc. 1579'. 10-31-75. (Water input, formerly a producer.) Loudon.

GALLATIN COUNTY

- 23-8S-9E, NE SW NW. Arnold Valter #1 I. B. Greene Comm. 2525'. 1-15-76. Inman West Consol.
- 27-8S-9E, NE NE SW. Farrar Oil Co. #1 Paul Rider, formerly J. E. Carter. 2835'. 6-6-75. (Water input, formerly a producer.) Inman West Consol.
- 17-8S-10E, SW SE NW. Oil Recovery, Inc. #1 E. E. Leach. 2785'. 6-2-75. Inman East Consol.

HAMILTON COUNTY

- 31-5S-7E, SW SW SW. Pure Oil Co. #2 Union General Consol. 3065'. 12-10-75.
Dale Consol.
- 7-6S-6E, 330'SL, 577.5'WL, SE NE. Walter Duncan #1 Sherman Hunt. 3166'.
3-21-75. Dale Consol.
- 6-6S-7E, 2315'SL, 330'WL, SW. Pure Oil Co. #15 Eugenie Cuppy. 3015'.
12-5-75. Dale Consol.
- 6-6S-7E, 1653'SL, 330'WL, SW. Pure Oil Co. #19 Eugenie Cuppy. 3015'.
12-6-75. Dale Consol.

JASPER COUNTY

- 1-5N-9E, SW NE SE. Don Slape Drlg. Co. #4 H. H. Harvey. 2988'. 12-18-75.
Clay City Consol.
- 8-7N-14W, NW NW NE. Parrish Production Co. #1 Earl Gifford. 2025'.
11-5-75. Hunt City East.

JEFFERSON COUNTY

- 22-1S-3E, SW NE NE. Texas Co. #3 W. Green. 2850'. 12-6-75. Divide
Consol.
- 24-1S-3E, 380'SL, 330'EL, SW. Burrell G. Minor #3 Parker. 2936'. 1-7-76.
Divide Consol.

LAWRENCE COUNTY

- 7-3N-12W, 990'NL, 1320'EL, NW. Charles E. Carr #1-A Raymond Cooper. 1719'.
12-4-75. Lawrence.
- 7-3N-12W, 330'NL, 0'EL, NW NW. Charles E. Carr #2-A Raymond Cooper. 1715'.
12-19-75. Lawrence.
- 7-3N-12W, 340'NL, 550'WL, NW. Charles E. Carr #4-A Raymond Cooper. 1733'.
Lawrence.

MARION COUNTY

- 5-2N-2E, SW NW NE. Goose Creek Oil Co. #1 Bachman-Chance Comm., formerly
R. Holsapple & R. Pursley. 2172'. 10-25-75. (Salt water disposal,
formerly a producer.) Tonti.

RICHLAND COUNTY

- 13-2N-10E, NE NW NW. Republic Oil Co. #2 Walters. 3330'. 1-21-76.
Calhoun East.
- 36-4N-9E, SE SE SW. Televest, Inc. #1 E. Correll. 2982'. 12-23-75. Clay
City Consol.

SALINE COUNTY

- 29-7S-7E, NW NE NW. A & D Oil Co. #1 Willard Phipps. 3134'. 12-8-75.
Broughton South.

WABASH COUNTY

- 12-1N-12W, 23.4'NL, 825'EL, NE. J. M. Hughes #1 Olin D. Mullinax. 1420'.
8-22-75. Allendale.
- 12-1N-12W, 23.4'NL, 330'EL, NE. J. M. Hughes #2 Mullinax. 1420'. 8-27-75.
Allendale.
- 14-2S-13W, 45.8'SL, 35'EL, NE NW. Gilliam Drlg. Co. #2 Alfred Kennard.
1963'. 10-16-75. Rochester.
- 14-2S-13W, 469'NL, 914'WL, NE SW. J. H. Gilliam #12 Alfred Kennard. 2005'.
10-15-75. Rochester.
- Irre. 14-2S-13W, 351'NL, 1218'WL, SW. Gilliam Oil Co. #13 Alfred Kennard.
1333'. 10-13-75. Rochester.

WASHINGTON COUNTY

19-2S-3W, NW SE SE. TransAmerican Oil & Gas Co., Ltd. #1 Green. 2645'.
1-6-76. Nashville.

WAYNE COUNTY

26-1N-6E, 330'NL, 660'WL, NE SW. Texaco, Inc. #1 Rogers-LeCroy (Tr. 35),
formerly Pem Drlg. Co. 3194'. 12-8-75. (Water input, formerly a
producer.) Johnsonville Consol.

25-1N-8E, SW SW NW. Southern Ill. Oil Prod., Inc. #1 Bessie Stafford,
formerly Jackson & Wrather Co. #1 Aden Farmer Heirs. 3161'. 12-11-75.
Clay City Consol.

9-1S-7E, SE NE NW. N. V. Duncan #5 Fannie Jones. 3141'. 9-30-75. (Water
input, formerly a producer.) Clay City Consol. (Erroneously reported
in August, 1975 Drlg. Report plugged 11-18-74.)

WHITE COUNTY

29-3S-14W, SW NW NW. R. A. Harris #7 Frank Rawlinson. 3056'. 11-1-75.
(Water input, formerly a producer.) Phillipstown Consol.

13-6S-10E, SE NE SW. Magnolia Petro. Co. #13 Palestine Sand Unit. 2043'.
12-1-75. (Water input, formerly a producer.) Maunie South Consol.

16-7S-9E, NW SE SE. Continental Oil Co. #1 Union Ridge Cemetery, formerly
C. E. Brehm Drlg. & Producing (Cottonwood Tar Springs Unit). 2664'.
11-5-75. (Water input, formerly a producer.) Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: an Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973)

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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Urbana, Illinois 61801

MONTHLY REPORT
OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

HARRISTOWN SOUTH. Macon County, 36-16N-1E, Silurian at 2137'.
Discovery well, W. Andrew Corley #1 Howard Hill,
IP 10 BOP, 2 BW

Extensions to Fields

None

New Pay Zones in Fields

STIRITZ. Williamson County, 12-8S-2E, Bethel at 2469'.
Discovery well, C. E. Brehm Drlg. & Prod. #1-G Jeske,
IP 10 BOP

Fields Consolidated

Sailor Springs Central field has been incorporated into Sailor Springs Consolidated field by consolidation.

TABLE I

New Pools Discovered from March 1975 through February 1976

| <u>Pool: County</u> | <u>Twp. Rng.</u> | <u>Pool: County</u> | <u>Twp. Rng.</u> |
|---------------------|------------------|---------------------|------------------|
| <u>March 1975</u> | | <u>September</u> | |
| None | | None | |
| <u>April</u> | | <u>October</u> | |
| None | | None | |
| <u>May</u> | | <u>November</u> | |
| Louisville: | | None | |
| Clay | 4N 6E | | |
| <u>June</u> | | <u>December</u> | |
| | | None | |
| Vergennes: | | <u>January 1976</u> | |
| Jackson | 7S 2W | | |
| <u>July</u> | | Oconee: | |
| None | | Shelby | 10N 1E |
| <u>August</u> | | <u>February</u> | |
| None | | Harristown S: | |
| | | Macon | 16N 1E |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Services wells, etc., not included in Table II, are classified in Table III)

| | Producint Oil Wells (Gas in Parentheses) | | | | New Dry Holes | | | Production in | | |
|-------|--|----------------------|------|---------------------------|--------------------------|----------------|-----------------|------------------|-----------------------|----------------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests | Thousands of Barrels |
| 1975 | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,230 |
| Feb. | 54 | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 2,086 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1975 are from reports received directly from crude gathering companies. The figures for January and February 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, February 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | |
|------------|-------------------------------------|----------------|------------------|-----|---------------------------|---------------|---------------------|---|-------------------------|
| | | | New Holes | | OWWO D&A to Prod | New | Conversions were | | Struc- ture Tests |
| | | | Prod. | D&A | Prod. | | Others | | |
| Christian | 1 | 11 | - | 1 | - | - | 10 | - | - |
| Clark | 4 | 4 | 1 | 2 | - | - | 1 | - | - |
| Clay | 12 | 10 | 7 | 2 | - | - | 1 | - | - |
| Clinton | 1 | 1 | 1* | - | - | - | - | - | - |
| Coles | 2 | - | - | - | - | - | - | - | - |
| Crawford | 5 | 15 | 9 | 1 | - | 5 | - | - | - |
| Cumberland | 2 | 6 | 3 | 3 | - | - | - | - | - |
| Edgar | 1 | - | - | - | - | - | - | - | - |
| Edwards | 7 | - | - | - | - | - | - | - | - |
| Effingham | 1 | 2 | 2 | - | - | - | - | - | - |
| Fayette | 2 | - | - | - | - | - | - | - | - |
| Franklin | 1 | 1 | - | - | - | 1 | - | - | - |
| Hamilton | 1 | - | - | - | - | - | - | - | - |
| Jasper | 1 | - | - | - | - | - | - | - | - |
| Jefferson | 1 | - | - | - | - | - | - | - | - |
| Lawrence | 7 | 17 | 9 | 3 | - | 4 | 1 | - | - |
| McDonough | 1 | - | - | - | - | - | - | - | - |
| Macon | 2 | 2 | 1 | 1 | - | - | - | - | - |
| Marion | 3 | 1 | - | 1 | - | - | - | - | - |
| Moultrie | 1 | - | - | - | - | - | - | - | - |
| Piatt | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 1 | 1 | - | 1 | - | - | - | - | - |
| St. Clair | 2 | 8 | 6* | 2 | - | - | - | - | - |
| Saline | 3 | - | - | - | - | - | - | - | - |
| Sangamon | 2 | 3 | 1 | 2 | - | - | - | - | - |
| Wabash | 2 | 3 | 2 | 1 | - | - | - | - | - |
| Washington | - | 1 | 1 | - | - | - | - | - | - |
| Wayne | 6 | 17 | 10 | 5 | - | - | 2 | - | - |
| White | 4 | 6 | 1 | 3 | - | 2 | - | - | - |
| Williamson | - | 2 | 1 | 1 | - | - | - | - | - |
| | 76 | 112 | 55 | 30 | - | 12 | 15 | - | - |

* gas wells

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Issued by Department of Mines and Minerals, Springfield, Illinois, January 30, 1976, through February 26, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, February 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | - | 2 | - | 2 | - | - | - |
| | - | 2 | - | 2 | - | - | - |

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Issued by Department of Mines and Minerals, Springfield, Illinois, January 30, 1976, through February 26, 1976

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's log and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Creek, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

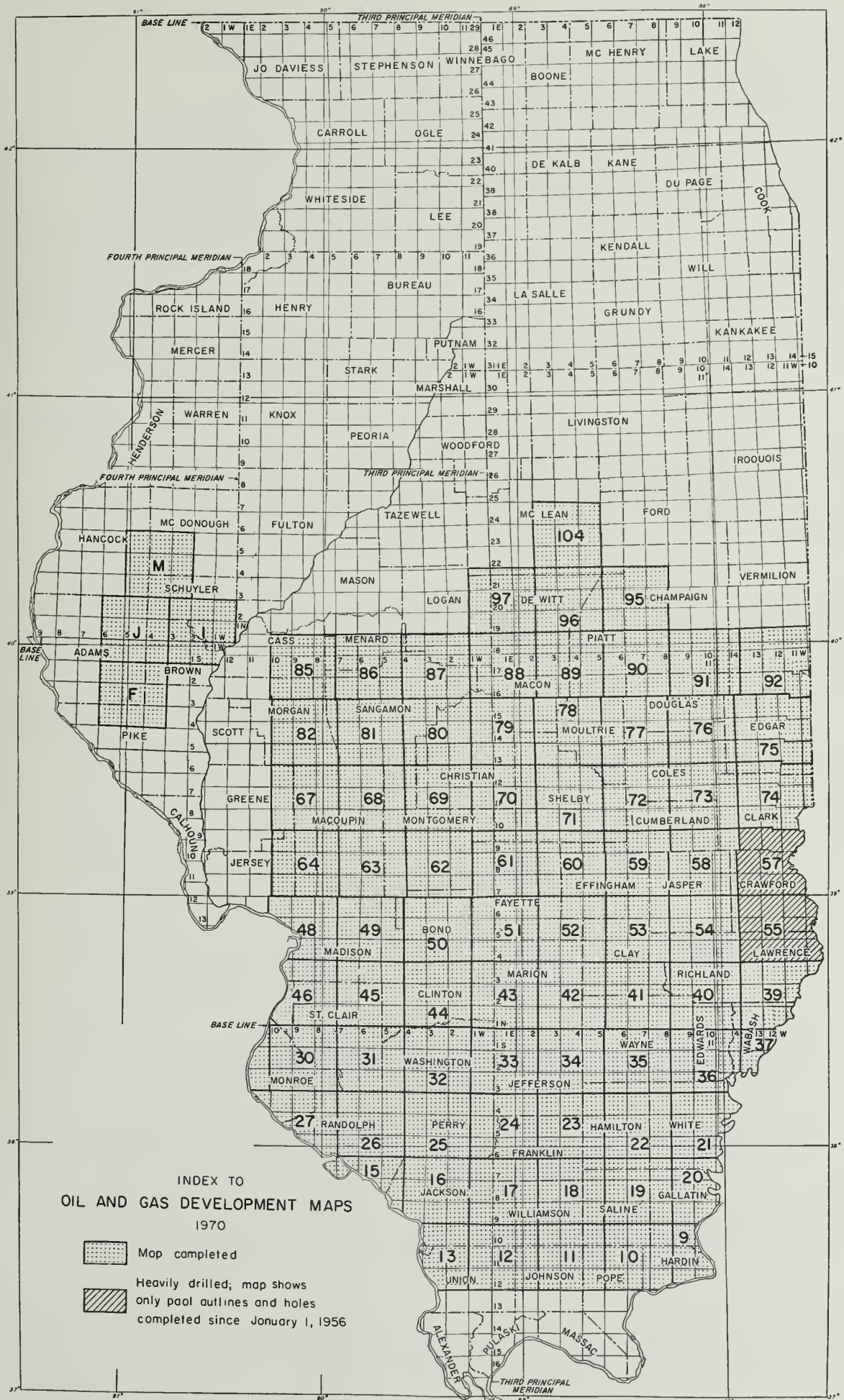
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. DuQuoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM JANUARY 31, 1976 TO FEBRUARY 27, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BROWN COUNTY

1S, 2W

- 15, SE NE NW. William O. Hills #6 Bunfill. OWWO. Was William O. Hill #4 Bunfill. Was D&A. OTD 615'. Comp. 6-21-62. Recomp. 2-4-76. COTD 636'. D&A. Maquoketa, top 615'. WF.

CHAMPAIGN COUNTY

21N, 7E

- 8, 225.2'NL, 39.8'WL, NW. Peoples Gas Light & Coke Co. #1 M. E. Buchan. Conversion. Was gas storage observation well. Comp. 1-12-76. COTD 4169' OVS. Gas injection-withdrawal. Mt. Simon, top 3992'. Manlove Gas Storage.
- 9, 38.3'NL, 74.3'WL, NW. Peoples Gas Light & Coke Co. #1 C. G. Weihmeir. Conversion. Was gas storage observation well. Comp. 1-12-76. COTD 4147' OVS. Gas injection-withdrawal. Mt. Simon, top 3974'. Manlove Gas Storage.

CHRISTIAN COUNTY

13N, 3W

- 3, SW SE NW. Joe Simpkins Oil Dev. #1 J. C. Bulpitt. Conversion. Was Devonian producer. Comp. 9-24-75. COTD 1833'. Water input. Devonian, top 1816'. Kincaid Consol.
- 3, SW NE NW. Joe Simpkins Oil Dev. #3 J. C. Bulpitt. Conversion. Was Devonian producer. Comp. 9-25-75. COTD 1837'. Water input. Devonian, top 1820'. Kincaid Consol.
- 3, SW SW NE. Joe Simpkins Oil Dev. #1 McKenzie. Conversion. Was Devonian producer. Comp. 11-4-75. COTD 1822'. Water input. Devonian, top 1795'. Kincaid Consol.
- 3, SW NW NE. Joe Simpkins Oil Dev. #3 McKenzie. Conversion. Was Devonian producer. Comp. 11-5-75. COTD 1805'. Water input. Devonian, top 1792'. Kincaid Consol.
- 3, SW NE NE. Joe Simpkins Oil Dev. #1 McKenzie-Linton. Conversion. Was Devonian producer. Comp. 8-28-75. COTD 1820'. Water input. Devonian, top 1807'. Kincaid Consol.
- 3, SW SE NE. Joe Simpkins Oil Dev. #2 McKenzie-Linton. Conversion. Was Devonian producer. Comp. 8-26-75. COTD 1832'. Water input. Devonian, top 1809'. Kincaid Consol.

14N, 2W

- 15, SW NW SW. Comanche Oil Corp. #1 Wise-Minick. Spd. 1-23-76. Comp. 1-27-76. TD 2008'. D&A. Silurian, top 1994'. WN-Mt. Auburn Cons.

CHRISTIAN COUNTY (continued)

14N, 3W

34, SW SW SE. Joe Simpkins Oil Dev. #1 Dickerson-Glass Community.
Conversion. Was Devonian producer. Comp. 9-14-75. COTD 1795'.
Water input, Devonian, top 1781'. Kincaid Consol.

34, SW NE SE. Joe Simpkins Oil Dev. #2 Linton "D". Conversion. Was
Devonian producer. Comp. 8-27-75. COTD 1816'. Water input.
Devonian, top 1803'. Kincaid Consol.

34, 456'SL, 327'WL, SE SW. Joe Simpkins Oil Dev. #2 Roggero-Glazebrook.
Conversion. Was Devonian Producer. Comp. 9-17-75. COTD 1816'.
Water input. Devonian, top 1809'. Kincaid Consol.

34, NE NW SE. Joe Simpkins Oil Dev. #2 Roggero-Hargis. Conversion.
Was Devonian producer. Comp. 9-18-75. COTD 1775'. Water input.
Devonian, top 1768'. Kincaid Consol.

CLARK COUNTY

9N, 13W

29, SE SW SW. Knierim Oil Co. #1-A James Smith. Abd. loc. WF.

9N, 14W

26, 50'NL, 330'WL, NE SW. Steve Tomko #T-1 Ritter (Courtney-Ken-Kris).
Spd. 12-12-75. Comp. 1-20-76. TD 535'. IP 10 BOP. Partlow,
top, 480'. Johnson South.

26, 330'SL, 640'WL, NW NE SW. Steve Tomko #T-2 Ritter (Courtney-Ken
Chris). Spd. 1-22-76. Comp. 2-17-76. TD 670'. D&A. Partlow,
top 631'. Johnson South.

27, 840'NL, 645'WL, SE NE. M. C. Milam #15 Milam. Conversion. Was
Pennsylvanian producer. Comp. 11-1-74. TD 500'(est.). Water
input. Pennsylvanian Sand, top 450'. Johnson South.

10N, 13W

23, NE SE SE. R. S. English #1 Burger. Spd. 7-29-75. Comp. 12-30-75.
TD 2701'. D&A. Devonian, top 2547'. WF.

CLAY COUNTY

2N, 7E

14, NW SW NW. David F. Herley #2 Frost. Spd. 12-12-75. Comp. 2-10-76.
TD. 3030'. IP 50 BOP. Aux Vases, top 2971', mca. Clay City Consol

15, C N/2 SE NE. David F. Herley #1 Frost B Community. Spd. 12-19-75.
Comp. 2-10-76. TD 3045'. IP 62 BOP. Aux Vases, top 2992'. Clay
City Consol.

15, NE NE SW. Republic Oil Company #1 Hurd. Spd. 12-17-75. Comp.
1-15-76. TD 3130'. IP 30 BOP-5' BW. Aux Vases, top 2990', frac.
Clay City Consol.

2N, 8E

9, NE SW SW. Larry A. Hudson #3 Buchanan. Spd. 12-27-75. Comp.
2-8-76. TD 3654'. IP 62 BOP-12 BW. Salem, top 3550', mca. Clay
City Consol.

CLAY COUNTY (continued)

2N, 8E

- 9, SW SW NW. H.A.V.E. Oil Co., Inc. #1 O. Henry. OWWO-OWDD. Was Pure Oil Co. #1 Henry Schrugham. Was D&A, OTD 3182'. Comp. 10-15-37. Recom. 1-16-76. DTD 3219'. D&A. St. Louis, top 3110' (approx.). Clay City Consol.

3N, 8E

- 28, NW SE NW. Union Oil of California #3 B. W. Moseley-A, Bunnyville Consolidated Spd. 1-7-76. Comp. 2-10-76. TD 3115'. IP 12 BOP-50 BW. McClosky, top 2968', acid. Clay City Consol.

4N, 5E

- 2, NW SW NW. C. E. Brehm Drlg. & Prod. #1 Holaday. OWWO-OWDD. Was Smokey Oil Co., Inc. #1 Holaday. Was D&A, OTD 2597'. Comp. 5-11-74. Recom. 2-22-75. DTD 4372'. D&A. Devonian, top 4169'. Iola South.

4N, 7E

- 3, NW SW SE. Perry Fulk #1-A Bible-Smith Consolidated. Spd. 12-21-75. Comp. 1-15-76. TD 2598'. IP 2 BOP-35 BW. Cypress, top 2594', frac. Sailor Springs Consol.
- 10, 410'SL, 330'EL, NE SW. Don W. Newton #1-A Leonard. Spd. 10-7-75. Comp. 2-10-76. TD 2970'. Temp. abd. McClosky, top 2956'. Sailor Springs Consol.

4N, 8E

- Irr. 7, 330'SL, 1650'EL, NE. Bufay Oil Company #2 Nelson Stanley Comm. Spd. 1-22-76. Comp. 1-28-76. TD 3066'. D&A. McClosky, top 3050' (approx.). WN - Ingraham.

5N, 7E

- Irr. 22, 330'NL, 430'WL, SW SE. Don W. Newton #1B Vickery Heirs. Conversion. Was Floyd Johnson #1-B Vickery Heirs. Was McClosky Producer, OTD 2973'. Comp. 9-23-58. Recom. 11-15-75 (est.). COTD 2500'. SWD. Tar Springs, top 2275'. Sailor Springs Consol.
- 24, C S/2 NE SW. Robison Oil Company #1 C. Workman. Spd. 10-9-75. Comp. 1-30-76. TD 2582'. IP 6 BOP-5 BW. Cypress, top 2556', shot. Sailor Springs Consol.

CLINTON COUNTY

3N, 2W

- 5, NW NE NW. Nick Babare Jr. #7 G. Hord. Spd. 8-6-75. Comp. 11-15-75. TD 1167'. SIGW. Benoist, top 1154'. Beaver Creek South. (Erroneously reported as D&A in Oct, 1975 Drlg. Report).

COLES COUNTY

13N, 14W

- 16, 110'SL, 990'WL, NE. Howard Rayburn #4R Rosa Washburn Est. Spd. not available. Comp. 7-17-66. TD 430'. Oil producer, IP not available. Pennsylvanian, top 408'. Ashmore East.

CRAWFORD COUNTY

5N, 11W

- 7, 173'SL, 812'EL, SW NE. Coy Oil, Inc. #1 W-S Max Hodson. Spd. 10-20-75. Comp. 11-1-75. TD 810'. WSW. Pennsylvanian, top 810'.
Main Consol.

5N, 12W

- 2, 1040'NL, 990'EL, NE NW. Charles L. Rich #1 Charles L. Rich. Spd. 10-30-75. Comp. 2-17-76. TD 1030'. IP 5 BOP/10 BW. Robinson, top 1018', shot. Main Consol.

5N, 13W

- 2, SW SE NW. Energy Resources of Indiana #1 Due Heirs. Spd 9-12-75. Comp. 9-17-75. TD 1145'. IP 2 BOP. Robinson, top 854', frac. Main Consol.

- 2, 2'SL, 2'WL, SE NW. Energy Resources of Indiana #VW-28 Due Heirs. Spd. 9-10-75. Comp. 11-8-75. TD 1154'. Water input. Robinson, top 874'. Main Consol.

- 2, 2'SL, 660'EL, NW. Energy Resources of Indiana #WW-28 Due Heirs. Spd. 9-16-75. Comp. 11-11-75. TD 1153'. Water input. Robinson, top 855'. Main Consol.

- 2, 10'SL, 30'EL, NW. Energy Resources of Indiana #XW-28 Due Heirs. Spd. 9-18-75. Comp. 11-15-75. TD 1129'. Water input. Robinson, top 837'. Main Consol.

6N, 13W

- 22, 720'SL, 1000'WL, NW SW. Marathon Oil Co. CT #2 S. Tohill A/C 4. Spd. 8-22-75. Comp. 8-25-75. TD 902'. D&A. Robinson, top not available. Main Consol.

7N, 12W

- 10, NW NW SE. Don W. Slater #1 J. Wilt. Spd. 12-4-75. Comp. 1-12-76. TD 1070'. IP 7 BOP/35 EW. Robinson, top 1027', frac. Main Consol.

- 10, NE NW SE. Don W. Slater #2 J. Wilt. Spd. 12-6-75. Comp. 1-25-76. TD 1065'. IP 14 BOP/42 BW. Robinson, top 1012', frac. Main Consol.

7N, 13W

- 8, SW NW SE. Used Oilfield Equipment #L-1 C. M. Stifle. Spd. 10-30-75. Comp. 11-30-75 (est.). TD 979'. IP 12 BOP. Robinson, top 954', frac. Main Consol

8N, 12W

- 32, SW SE NW. Used Oilfield Equipment #1 Clarence L. Schutte. Spd. 1-3-76. Comp. 2-17-76. TD 1051'. IP 5 BOP/10 BW (est.). Robinson, top 1002', frac. Main Consol.

8N, 13W

- 25, NW NE SE. Used Oilfield Equipment #2-A R. A. Biddle. Spd. 8-5-75. Comp. 8-30-75. TD 1048'. IP 3 BOP/40 BW. Robinson, top 1008', frac. Main Consol.

CRAWFORD COUNTY (continued)

8N, 13W

25, SW NE SE. Used Oilfield Equipment #L2 R. A. Biddle. Spd. 9-9-75.
Comp. 11-1-75. TD 1047'. IP 15 BOP/40 BW. Robinson, top 997',
frac. Main Consol.

25, 5'NL, 660'WL, SE. Used Oilfield Equipment #W-1 John Patelski. Spd.
7-22-75. Comp. 8-5-75. TD 1038'. Water input. Robinson, top
962'. Main Consol.

25, SE SW NE. Used Oilfield Equipment #3 Floyd & Julia Wagoner. Spd.
8-11-75. Comp. 8-30-75. TD 1047'. IP 4 BOP/20 BW. Robinson,
top 1008', frac. Main Consol.

DOUGLAS COUNTY

16N, 8E

31, 1235'SL, 471'EL, SW SE. Cabot Corporation #2 Cabot-Tuscola. Spd.
9-18-75. Comp. 12-2-75. TD 5300'. Waste Disposal. Potosi, top
5002'. Industrial waste disposal.

EDWARDS COUNTY

1N, 11E

Irr. 31, 1350'NL, 990'EL, NE. Southern Triangle Oil Co. #2 Roy Gill.
Spd. 9-23-75. Comp. 11-3-75. TD 2418'. IP 3 BOP/10 BW.
Waltersburg, top 2413'. Samsville.

1N, 14W

34, SW NW SW. Louis A. Pessina #1 Lankford et al Community. Spd. 12-
14-75. Comp. 1-27-76. TD 2940. Temp. abd. Ohara, top 2912'.
Bone Gap East.

1S, 14W

3, NW NW SW. Reinhold Oil Producers #1 H. Seacat. Abd. loc. Bone
Gap East.

2S, 14W

26, NW SW NW. Brian Schroeder #1 Jessie Schroeder. OWWO. Was Magnolia
Petroleum Co. #1 Rotramel "B". Was plugged McClosky producer. OTD
3002'. Comp. 4-10-45. Recom. 10-18-75. COTD 2675'. IP
1 BOP/ 150 BW. Cypress, top 2350'. New Harmony Consol.

32, NE NE NW. Fear & Duncan Oil Prod. #2 Fieber. Spd. 11-24-75. Comp.
2-3-76. TD 3110'. Temp. abd. Spar Mountain, top 3078'. Albion
East.

3S, 10E

12, 370'SL, 370'WL, SW. Fear & Duncan #1 McGarvey. Spd. 9-14-75.
Comp. 2-3-76. TD 2004'. IP 20 BOP/some water. Biehl, top 1976'.
Albion Consol.

3S, 11E

Irr. 7, 330'SL, 330'EL, NE NW. Fear & Duncan Oil Prod. #1 Fieber "M".
Spd. 11-30-75. Comp. 2-3-76. TD 2433'. IP 110 BOP. Waltersburg,
top 2393'. Phillipstown Consol.

EDWARDS COUNTY (continued)

3S, 14W

- 17, SW NW NE. George H. Wickham #1 Mason et al. Unit. Spd. 11-14-75.
Comp. 1-20-76. TD 3111'. D&A. Spar Mountain, top 3052'. WN -
Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

- 13, SE SW SW. Don W. Newton #2 Woody. Spd. 10-13-75. Comp. 11-28-75.
TD 2484'. IP 6 BOP/18 BW. Cypress, top 2482', natural. Eberle.
- 24, NE NW NW. Don W. Newton #1 Woody. Spd. 4-28-75. Comp. 12-12-75.
TD 2476'. IP 8 BOP. Cypress, top 2471', natural. Eberle.

FRANKLIN COUNTY

6S, 2E

- 36, 609'NL, 393'WL, NW. Shell Oil Co. #I-3 Benton Flood Unit Core Hole.
Spd. 8-12-75. Comp. 9-7-75. TD 2159. Observation well. Tar
Springs, top 2119'. Benton.

JEFFERSON COUNTY

2S, 4E

- 4, SE SE NE. Farmers Petroleum Co-op. Inc. #A-1 Snodsmith. OWDD.
Was James T. Hurt #1 Ralph Snodsmith. Was McClosky producer, OTD
2950'. Comp. 1-25-61. Recomp. 2-10-76. DTD 3027'. D&A.
St. Louis, 3015' (approx.). Oakdale North.

LAWRENCE COUNTY

2N, 12W

- Irr. 2, 330'SL, 330'WL, NW. Lee Martin #2 Walls. Spd. 8-14-75 Comp. 1-
6-76. TD 2050'. D&A. McClosky, top 1862'. Lawrence.
- 11, 462'NL, 330'EL, SW. Trans-Western Petroleum Inc. #1-A Paul Young.
Spd. 2-10-75. Comp. 12-12-75. TD 1300'. Oil producer, IP not
available. Biehl, top 1206', mca and frac. Lawrence.
- 11, 960'NL, 330'EL, SW. Transwestern Petroleum Corp. #2-A Paul Young.
Spd. 5-16-75. Comp 2-17-76. TD 1695'. IP 20 BOP/30 BW (est.).
Buchanan, top 1218', frac. Lawrence.

3N, 11W

- 27, NW NE NW. John M. Zanetis #1 White. Spd. 12-6-75. Comp 12-17-75.
TD 3410'. D&A. Devonian, top 3220'. Beman.

3N, 12W

- 19, 30'NL, 773'WL, NW. Marathon Oil Co. #KK-25 Gray Estate. Spd. 12-
3-75. Comp. 12-10-75. TD 2015'. Water input. Bethel, top 1951'.
Lawrence.
- 19, C NE SW. Marathon Oil Co. #MM-30 Gray Estate. Spd. 11-24-75.
Comp. 12-3-75. TD 2004'. Water input. Bethel, top 1923'.
Lawrence.

LAWRENCE COUNTY (continued)

3N, 12W

- 27, 400'SL, 330'WL, NE NW. Charles E. Carr #3-A E. K. Gillespie.
Spd. 12-11-75. Comp. 1-17-76. TD 1769'. IP 30 BOP/18 BW.
Cypress, top 1623', frac.; Bethel, top 1751', frac.
Lawrence.

3N, 13W

- 14, NW SE NW. Reinhold Oil Producers #1A E. H. Brown. Spd. 10-26-75.
Comp. 11-28-75. TD 2351'. IP 112 BOP. Bethel, top 2144'. mca
and frac. Lawrence West. (Erroneously reported as abd.
Loc. in June, 1975 Drlg. Report).
- 14, 330'SL, 430'WL, SE NW. Reinhold Oil Producers #3A E. H. Brown.
Spd. 11-10-75. Comp 11-22-75. TD 2279'. IP 42 BOP/ 60 BW.
Bethel, top 2108', frac.; Ohara, top 2230', acid. Lawrence
West.

4N, 11W

- 2, SW SE SW. Perry Fulk #1 Miller Comm. Abd. loc. Pinkstaff East.
(Erroneously reported as D&A in Dec. 1975 Drlg. Report.)
- 11, NW SW NE. Energy Resources of Indiana #1 Jasper Hayes. Spd.
11-25-75. Comp. 12-15-75. TD 1652'. IP 7 BOP/44 BW. McClosky,
top 1636', acid. Pinkstaff East.
- 11, 275'NL, 150'EL, NW NW. Perry Fulk #1-SWD Pinkstaff. Spd. 10-
27-75. Comp. 10-29-75. TD 1250'. SWD. Pennsylvanian, top
1050'. Pinkstaff East.

4N, 12W

- 7, SW SW NW. Triangle Oil Co. of Illinois #3-A Ridgley. Spd. 1-
12-76. Comp 2-4-76. TD 1688'. IP 16 BOP/65 BW. Aux Vases,
top 1608', frac. Lawrence.
- 19, 680'SL, 560'WL, SE. Charles E. Carr #50 William Crump Spd. 9-3-
75. Comp. 10-31-75. TD 2980'. IP 45 BOP. Devonian, top 2883',
acid. Lawrence

4N, 13W

- Irr. 1, 2350'NL, 175'WL, NW. Wayne Smith, Op., Inc. #W-17 A. C. Droll.
Conversion. Was Snowden Bros. #17 A. C. Droll. Was McClosky
producer. Comp. 5-22-75. COTD 1688'. Water input.
McClosky, top 1666'. Lawrence.
- Irr. 1, 330'NL, 330'WL, SW SW. Wayne Smith, Operator #35 Gray-Piper
Comm. Spd. 9-23-75. Comp. 10-25-75 (est.). TD 1540'. IP 10
BOP/20 BW. Jackson, top 1339'; Cypress, top 1391', frac.
Lawrence.
- Irr. 12, 660'SL, 660'WL, NW. Wayne Smith, Operator, Inc. #W-40 Gray
Heirs. Spd. 7-2-74. Comp 8-1-74 (est.). TD 1610'. Water input.
Jackson, top 1352'; Cypress, top 1405'. Lawrence.

LAWRENCE COUNTY (continued)

4N, 13W

36, SE NE NW. Joe E. Johnson #1 Warren Stout. Spd. 1-29-76. Comp. 2-2-76. TD 1978'. D&A. McClosky, top 1971'. Lawrence.

MACON COUNTY

15N, 2E

Irr. 6, 330'NL, 330'WL, NW S/2. W. A. Corely #1 Carl S. Brown. Spd. 1-29-76. Comp. 2-3-76. TD 2216'. D&A. Silurian, top 2192'. WN - Harristown South.

16N, 1E

36, SW SW SE. W. Andrew Corley #1 Howard Hill. Spd. 5-17-75. Comp. 8-8-75. TD 2195'. IP 10 BOP/2 BW. Silurian, top 2137', acid. DISCOVERY OF HARRISTOWN SOUTH FIELD.

MARION COUNTY

3N, 3E

28, SW SW NW. C. E. Brehm Drlg. & Prod. #1 Currie. Spd. 2-22-75. Comp. 3-7-75. TD 3454'. D&A. Borden, top 3130' (approx.). WN - Brubaker.

PIATT COUNTY

16N, 6E

13, SE SE SW. John W. Fawcett & John D. Long #1 John W. Harshbarger. Spd. 2-3-76. Comp. 2-17-76. TD 1604'. D&A. Ste. Genevieve, top 1526'. WF.

RICHLAND COUNTY

3N, 10E

9, 350'NL, 560'EL, SW. CER Production Co. #1 A. Paddock. Spd. 1-14-76. Comp. 1-24-76. TD 3116'. D&A. McClosky, top 3102'. Olney South.

ST. CLAIR COUNTY

1S, 7W

8, NE NE NW. Chandler & Associates, Inc. #1 Kamper. Spd. 1-12-76. Comp. 1-19-76. TD 1675'. D&A. Silurian, top 1616'. WF.

1S, 8W

35, NE SE SE. E. Homer Jahn #1 E. Schwaegel. Spd. 9-15-75. Comp. 12-15-75. TD 1693'. D&A. Trenton, top 1661'. WF.

2S, 7W

19, NE SE NE. Petro Minerals Corp. #2 Schwebel Brothers. Spd. 11-22-75. Comp. 2-10-76. TD 312'. SIGW. Cypress, top 282', nat. New Athens.

19, NW SE NE. Petro Minerals Corp. #3 Schwebel Brothers. Spd. 11-20-75. Comp. 2-10-76. TD 308'. SIGW. Cypress, top 298'. New Athens.

20, NE NW SW. Petro Minerals Corp #4 Schwebel. Spd. 2-10-76. Comp. 2-12-76. TD 279'. SIGW. Cypress, top 234', nat. New Athens.

20, NW SE NW. Petro Minerals Corp. #1 Werner. Spd. 10-30-75. Comp. 2-10-76. TD 400'. SIGW. Cypress, top 258', nat. New Athens.

ST. CLAIR COUNTY (continued)

2S, 7W

20, SW SE NW. Petro Minerals, Corp. #2 Werner. Spd. 11-3-75. Comp. 2-11-76. TD 265'. SIGW. Cypress, top 237', nat. New Athens.

20, 430'NL, 330'EL, SE NW. Petro Minerals Corp. #3 Werner. Spd. 11-18-75. Comp. 2-11-76. TD 294'. SIGW. Cypress, top 250', nat. New Athens.

SANGAMON COUNTY

15N, 3W

Irr. 30, 330'SL, 330'EL, SW SE. John Carey Oil Co. #1 C. Moore Comm. Spd. 1-21-76. Comp. 1-25-76. TD 1795'. D&A. Silurian, top 1744'. Berry.

32, NE NE NW. Hale Resources & Energy Co. #1A Bell. Spd. 11-3-75. Comp. 1-27-76. TD 1750'. IP 20 BOP. Silurian, top 1720'. Berry.

15N, 4W

36, NE SE SE. John Carey Oil Co. #1C Munson. Spd. 2-4-76. Comp. 2-8-76. TD 1780'. D&A. Silurian, top 1735' (approx.). WN - Edinburg West.

WABASH COUNTY

1N, 12W

16, SE SW NE. FRYCO #1 Bernard Bates. Spd. 10-7-75. Comp. 2-3-76. TD 2352'. IP 3 BOP/some water. Bethel, top 2106'. Allendale.

23, SE SE SE. Whiteside Oil Co. #1 Edwin Winter. Spd 8-1-75. Comp. 1-27-76. TD 1466'. IP 4 BOP/10 BW. Biehl, top 1411', mca. Allendale.

1S, 12W

Irr. 16, 912'SL, 1320'EL, NW. Herman L. Loeb #2 Couch-Noeller Comm. Abd. loc. Mt. Carmel.

1S, 13W

8, 10'SL, 10'EL, NW. Southern Triangle Oil Co. #5-WI Meyer "A", South Fordyce Unit. Abd. loc. New Harmony Consol.

20, 300'SL, 330'WL, NW. Southern Triangle Oil Co. #1 Martin Berberich. Spd. 1-5-76. Comp. 2-3-76. TD 2720'. D&A. Cypress, top 2536'. New Harmony Consol.

WASHINGTON COUNTY

2S, 4W

17, SE SW SW. Clarence Sherman #2 Ostendorf. Spd. 4-7-75. Comp. 12-29-75. TD 2370'. IP 10 BOP. Devonian, top 2334', frac. Elkton North.

WAYNE COUNTY

1N, 5E

11, C SW SW. Juniper Petroleum Corp. #14-11 Clements. Spd. 1-19-76. Comp. 2-2-76. TD 3750'. D&A. Salem, top 3550' (approx.). Johnsonville West.

WAYNE COUNTY (continued)

1N, 6E

34, C N/2 SW SE. Texaco Inc. #2 Johnsonville Unit, Tract 78. Conversion. Was Wiser Oil Co. #2 Dickey "B". Was McClosky producer. Comp. 1-21-76. COTD 3249'. Water input. Aux Vases, top 3008'; Ohara, top 3090'; McClosky, top 3127'. Johnsonville Consol.

1N, 7E

26, NW SW SW. Charles H. Stephens #1 Grove. Spd. 12-24-75. Comp. 2-6-76. TD 3130'. IP 32 BOP/30 BW. Spar Mountain, top 3063'; McClosky, top 3106', acid. Clay City Consol.

1N, 8E

16, SW NE SE. Republic Oil Co. #1-A Laird. Spd 1-6-76. Comp 2-15-76 (est.). TD 3730'. IP 50 BOP/5 BW. Salem, top 3636', acid. Clay City Consol.

1S, 6E

Irr. 4, 330'SL, 380'EL, NW. Van Fossan Associates #1 H. L. Harrell. Spd. 1-23-76. Comp. 2-5-76. TD 3995'. D&A. Salem, top 3580' (approx.). Johnsonville Consol.

Irr. 4, 330'NL, 330'EL, SW. R. L. Van Fossan #1 Brandon Oldham. Spd. 11-28-75. Comp. 1-28-76. TD 3915'. IP 240 BOF. Salem, top 3862', nat. Johnsonville Consol.

14, 380'SL, 330'EL, NW. Van Fossan Associates #1 Dewey Bass. Spd. 1-9-76. Comp. 1-19-76. TD 3860'. D&A. Salem, top 3570' (approx.). Johnsonville South.

1S, 7E

4, 1243'NL, 330'WL, SE NW. Shulman Bros #5 Crippen. Conversion. Was Aux Vases producer. Comp. 12-74. COTD 3140' (est.). Water input. Aux Vases, top 3112'. Clay City Consol.

1S, 8E

11, NE SE NW. C. E. Brehm Drlg. & Prod. #1 Wylie Heirs. Spd. 12-4-75. Comp. 12-13-75. TD 3910'. D&A. Ullin, top 3816'. Clay City Consol.

13, C N/2 SW NW. John T. Mitchell #1 Harris. Spd. 8-23-75. Comp. 2-2-76. TD 3778'. IP 4 BOP/8 BW. Salem, top 3668', acid. Clay City Consol.

15, SW SE SE. Modern Exploration Co. #2 Ferguson. Spd 12-11-75. Comp. 2-8-76. TD 3943'. IP 30 BOP/100 BW. Salem, top 3753', acid. Clay City Consol.

15, NE SE SW. Union Oil Co. of California #1 O. H. Gray. Spd. 12-3-75. Comp. 1-30-76. TD 3885'. IP 91 BOP/288 BW. Salem, top 3748', acid. Clay City Consol.

15, SE NE SW. Union Oil Co. of California #2 O. H. Gray. Spd. 12-17-75. Comp. 2-9-76. TD 3980'. IP 140 BOP/200 BW. Salem, top 3750', acid. Clay City Consol.

WAYNE COUNTY (continued)

1S, 8E

22, SW NW NE. Runyon Oil Exploration Co. #2 M. J. Williams. Spd. 12-10-75. Comp. 2-4-76. TD 3840'. IP 70 BOP/20 BW. Salem, top 3494', mca and frac. Clay City Consol.

23, SE NE NE. Athena Corp. #1 Larry A. Ruhl et al. Spd. 11-24-75. Comp. 12-28-75. TD 3850'. D&A. Warsaw, top 3828'. Clay City Consol.

2S, 8E

36, SE SE NE. Jerry Friend #1 Moore. Spd. 11-22-75. Comp. 1-15-76. TD 3400'. IP 15 BOP/20 BW. Aux Vases, top 3260', mca and frac. Barnhill.

2S, 9E

17, NE SW NW. Donald E. Schmitt #1 J. Robinson. Abd loc. Golden Gate North Consol.

31, NE NW SW. Runyon Oil Exploration Co. #2 V. H. Kieser. Spd. 11-10-75. Comp. 1-6-76. TD 3422'. IP 60 BOP. Aux Vases, top 3236', mca and frac. Barnhill.

WHITE COUNTY

4S, 11E

Irr. 31, 1100'SL, 30'EL, N/2. Barger Engineering Inc. #W-5 H. Garner. Spd. 12-13-75. Comp. 1-14-76. TD 2980'. Water input. Aux Vases, top 2931'. Phillipstown Consol.

5S, 8E

13, 945'NL, 430'WL, SW. Coy Oil, Inc. #6 Murphy. Spd. 12-15-74. Comp. 2-11-76. TD 4285'. Temp. abd. Ullin, top 4072'. Trumbull Consol.

19, NE NW SE. Reynolds & Vincent #1 Truman Wilson. Spd. 1-29-76. Comp. 2-9-76. TD 3563'. D&A. Ohara, top 3410'. Enfield.

6S, 9E

34, 700'NL, 690'EL, NE. Don W. Slater #2-A-A Herald Unit. Spd. 10-21-75. Comp. 11-7-75. TD 2456'. Junked hole. Herald Consol.

7S, 11E

19, NE SW SW. C. E. Brehm #3 Boetticher. Spd. 9-15-75. Comp. 10-15-75 (est.). TD 2830'. IP 5 BOP. Tar Springs, top 2106', frac. New Haven Consol.

Irr. 20, 330'NL, 1650'WL, SW. C. E. Brehm Drlg. & Prod #2 Curtis. Spd. 10-10-74. Comp. 11-30-74 (est.). TD 2776'. SWD. Degonia, top 1791'; Tar Springs, top 2134'. New Haven Consol.

WILLIAMSON COUNTY

8S, 2E

10, NW NW SE. C. E. Brehm Drlg. & Prod. #3 Crown Trust. Spd. 2-14-75. Comp. 2-21-75. TD 2670'. D&A. McClosky, top 2663'. WN - Free-manspur.

WILLIAMSON COUNTY (continued)

8S, 2E

12, 570'SL, 490'EL, NE SE. C. E. Brehm Drlg. & Prod. #1G Jeske.
Spd. 7-31-75. Comp. 9-1-75 (est.). TD 2725'. IP 10 BOP.
Bethel, top 2469', nat. Stiritz. NEW PAY IN FIELD.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH FEBRUARY 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

- 3-13N-1E, SE SW SW. Continental Oil Co. #6 John H. Lawrence, formerly National Assoc. Petro. Co. 1076'. 1-23-76. (Water input, formerly a producer.) Assumption Consol.
- 3-13N-1E, NW SW SE. Mid-Globe Oil Corp. #1 James A. Tomlinson. 2322'. 12-6-73. Assumption Consol.
- 9-13N-1E, SE SE NE. National Assoc. Petro. Co. #4 John H. Lawrence. 1167'. 1-22-76. Assumption Consol.
- 9-13N-1E, 280' N line, 330' W line of SW SE. Continental Oil Co. #25-A John H. Lawrence, formerly National Assoc. Petro. Co. 1066'. 1-27-76. (Water input, formerly a producer.) Assumption Consol.

CLINTON COUNTY

- 24-1N-1W, 300' N line, 925' E line of Sec. A. W. Gerson #1 Gerson. 2958'. 6-19-72. Wamac.

CRAWFORD COUNTY

- 2-7N-13W, 426' S line, 330' W line of SE. Mahutska Oil Co. #11 Lynn Henry. 998'. 1-19-76. Main Consol.

FRANKLIN COUNTY

- 23-6S-4E, SW NW NE. Stewart Oil Co. #13 U. S. Coal & Coke Co., formerly Seaboard Oil Co. of Delaware. 2842'. 1-14-76. (Water input, formerly a producer.) Akin.
- 25-6S-4E, NW NW SE. C. E. Brehm Drlg. & Prod. #4-E U. S. Steel. 3162'. 1-20-76. Akin.
- 25-6S-4E, NE NE SW. C. E. Brehm Drlg. & Prod. #3 U. S. Steel "E". 3155'. 1-17-76. Akin.
- 30-7S-3E, 450' N line, 450' E line of SW NW. Ross Bartmes #2-A Boner. 2920'. 10-18-75. West Frankfort Consol.

WABASH COUNTY

- Fr. 31-2S-13W, 1090' S line, 1410' E line of SW. Acme Oil Investors, Inc. #1 Akin "A". 2507'. 2-17-76. New Harmony Consol.

WASHINGTON COUNTY

- 15-3S-3W, 332' S line, 340' W line of NE. Socony Mobil Oil Co. #2 McConnell, formerly Magnolia Petro. Co. 1292'. 1-29-76. (Water input, formerly a producer.) Cordes.
- 15-3S-3W, SE SW NE. Magnolia Petro. Co. #1 Emma McConnell. 1277'. 1-29-76. (Water input, formerly a producer.) Cordes.
- 15-3S-3W, NE SW NE. Magnolia Petro. Co. #3 Emma McConnell. 1268'. 1-29-76. Cordes.

WAYNE COUNTY

- 26-1N-6E, 330' S line, 660' W line of NE. Texas Co. #1 C. O. Ray (Johnsonville Unit Waterflood, Tract #21), formerly Illinois Producing Co. 3175'. 1-23-76. (Water input, formerly a producer.) Johnsonville Consol.

WAYNE COUNTY (continued)

25-2N-8E, SW SE NE. Hubert W. Rose #1 R. R. O'Dell. 3834'. 1-28-76.
Clay City Consol.

26-1S-9E, SW NE NE. Skiles Oil Corp. #1 V. K. Bowman, formerly Carter Oil
Co. 3405'. 1-24-76. (Water input, formerly a producer.) Half Moon.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973)

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

THE LIBRARY OF THE
MAY 4 1976
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AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

None

Extensions to Fields

BONE GAP CONSOLIDATED. Edwards County, 7-13-14W, Ohara at 3118'.
Discovery well, M. V. Ring #1 Kelsey, IP 7 BOP.

New Pay Zones in Fields

ELDORADO CONSOLIDATED. Saline County, 35-8S-6E, Degonia at 1688'.
Discovery well, John L. Jehle #1 DeVillez, IP 16 BOP.

TABLE I

New Pools Discovered from April 1975 through March 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|-------------------|------|------|---------------------|------|------|
| <u>April 1975</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| Louisville: | | | None | | |
| Clay | 4N | 6E | | | |
| <u>June</u> | | | <u>December</u> | | |
| | | | None | | |
| Vergennes: | | | | | |
| Jackson | 7S | 2W | <u>January 1976</u> | | |
| <u>July</u> | | | Oconee: | | |
| None | | | Shelby | 10N | 1E |
| <u>August</u> | | | <u>February</u> | | |
| None | | | Harristown S: | | |
| | | | Macon | 16N | 1E |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Services wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | <u>New Dry Holes</u> | | | <u>Production in</u> | |
|-------------|---|---|----------------------------|---------------------------|--------------------|-----------------------------------|------------------------|-----------------------------|
| | <u>Field Wells</u> | <u>Discoveries</u> <u>Field Ext.</u> | <u>Newly Drilled Holes</u> | <u>Reworked Dry Holes</u> | <u>Field Wells</u> | <u>Wildcat</u> <u>Near Far</u> | <u>Total New Tests</u> | <u>Thousands of Barrels</u> |
| <u>1975</u> | | | | | | | | |
| Jan. | 22 | 0 2 | 20 | 4 | 10 | 1 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 2 | 23(1) | 2 | 17 | 10 14 | 65 | 1,946 |
| Mar. | 20 | 0 1 | 20 | 1 | 10 | 4 6 | 40 | 2,157 |
| Apr. | 18 | 0 1 | 16 | 3 | 16 | 3 8 | 43 | 2,258 |
| May | 22 | 0 1 | 21 | 2 | 16 | 10 10 | 57 | 2,258 |
| June | 27 | 1 0 | 24 | 4 | 24 | 7 11 | 66 | 2,176 |
| July | 33 | 0 1 | 30 | 4 | 16 | 5 2 | 53 | 2,155 |
| Aug. | 36 | 0 2 | 36 | 2 | 20 | 8 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 3 | 57(1) | 4 | 24 | 11 10 | 103 | 2,170 |
| Oct. | 41 | 0 2 | 42 | 1 | 39 | 9 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 2 | 54(1) | 7(1) | 34 | 6 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 1 | 90(1) | 6 | 50 | 23 18 | 182 | 2,216 |
| | 455(4) | 1 18 | 433(4) | 40(1) | 276 | 97 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | |
| Jan. | 54 | 1 2 | 53 | 4 | 28 | 4 3 | 88 | 2,254 |
| Feb. | 54 | 1 0 | 48(7) | 0 | 19 | 7 4 | 85 | 2,086 |
| Mar. | 40(1) | 0 1 | 39(1) | 2 | 16 | 6 6 | 68 | 2,250 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through January 1976 are from reports received directly from crude gathering companies. The figures for February and March 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, March 1976

| County | Permits to Drill ^c | Total Comp. | Production Tests | | D&A to Prod | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|-----|-------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes Prod. | D&A | | New | Conversions were | | |
| | | | | | | | Prod. | Others | |
| Adams | 1 | 1 | - | 1 | - | - | - | - | - |
| Bond | 1 | - | - | - | - | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | - | 1 | - | 1 | - | - | - | - | - |
| Clark | 1 | 4 | 3 | 1 | - | - | - | - | - |
| Clay | 15 | 10 | 10 | - | - | - | - | - | - |
| Clinton | 5 | 1 | 1* | - | - | - | - | - | - |
| Coles | 2 | 2 | 1 | 1 | - | - | - | - | - |
| Crawford | 6 | 5 | 2 | - | - | 3 | - | - | - |
| Cumberland | 1 | 1 | - | 1 | - | - | - | - | - |
| Douglas | - | 1 | 1 | - | - | - | - | - | - |
| Edgar | 3 | - | - | - | - | - | - | - | - |
| Edwards | 3 | 8 | 7 | - | - | - | - | 1 | - |
| Effingham | 1 | 1 | - | 1 | - | - | - | - | - |
| Fayette | 11 | 4 | - | 4 | - | - | - | - | - |
| Franklin | 2 | 1 | - | - | - | 1 | - | - | - |
| Gallatin | - | 1 | - | 1 | - | - | - | - | - |
| Hamilton | 2 | - | - | - | - | - | - | - | - |
| Jasper | 1 | - | - | - | - | - | - | - | - |
| Jefferson | 2 | 3 | 1 | 2 | - | - | - | - | - |
| Lawrence | 23 | 4 | 2 | 1 | - | - | 1 | - | - |
| Macon | 2 | 1 | - | 1 | - | - | - | - | - |
| Macoupin | 2 | - | - | - | - | - | - | - | - |
| Madison | 1 | - | - | - | - | - | - | - | - |
| Marion | 4 | 4 | 2 | 1 | 1 | - | - | - | - |
| Morgan | 1 | - | - | - | - | - | - | - | - |
| Sanctolph | 1 | - | - | - | - | - | - | - | - |
| Richland | 2 | 1 | - | - | - | - | 1 | - | - |
| Saline | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Sansamon | 3 | 3 | - | 3 | - | - | - | - | - |
| Shelby | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 8 | 5 | 2 | 2 | - | - | 1 | - | - |
| Wayne | 10 | 8 | 4 | 2 | 1 | - | 1 | - | - |
| White | 13 | 6 | 3 | 2 | - | - | - | - | - |
| | 131 | 79 | 40 | 28 | 2 | 4 | 4 | 1 | - |

* Gas Well

o

Issued by Department of Mines and Minerals, Springfield, Illinois, February 27, 1976, through April 1, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, March 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 1 | - | - | - | - | - | - |
| Fayette | - | 2 | - | - | - | - | 2 |
| McLean | <u>3</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 4 | 2 | - | - | - | - | 2 |

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Issued by Department of Mines and Minerals, Springfield, Illinois, February 27, 1976, through April 1, 1976.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Record Section. Driller's log and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Creek, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

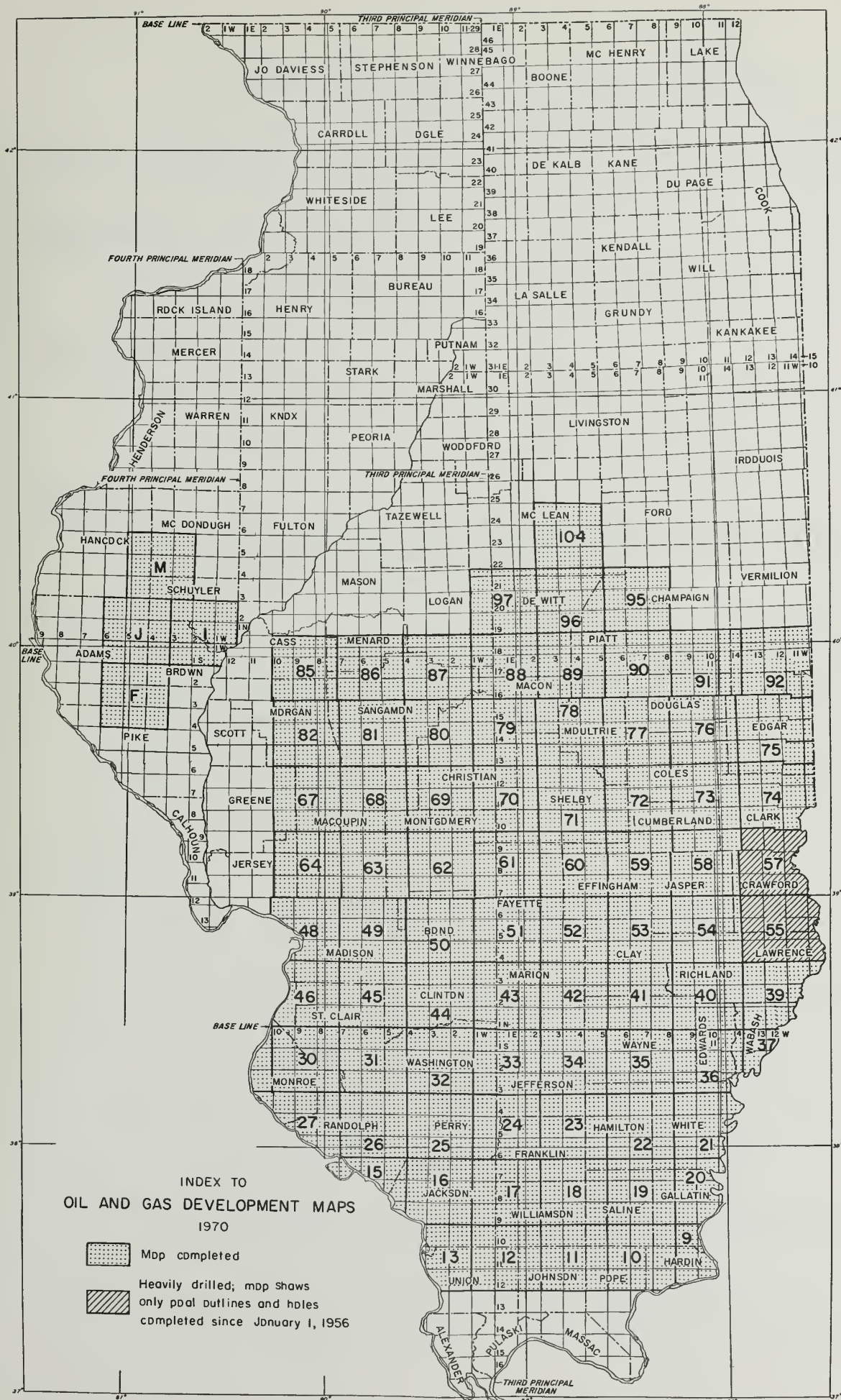
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. DuQuoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greensburg | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM FEBRUARY 28, 1976 TO APRIL 2, 1976

Abbreviations used are listed on the inside back cover, A field well is less than 1/2 mile, a wildcat near (WN) is 1/2 to 1 1/2 miles, a wildcat far (WF) is more than 1 1/2 miles from production.

ADAMS COUNTY

2S, 5W

- 12, SE SE NW. Claude McElvain #4 Doole. Spd. 10-24-75. Comp. 1-3-76.
TD 677'. D&A. Maquoketa, top 657'. Kellerville.

CHRISTIAN COUNTY

15N, 2W

- 15, NW SW SE. Triple G Oil Co. Ltd. #1-A Crawford. Spd. 3-1-76.
Comp. 3-5-76. TD 1910'. D&A. Silurian, top 1876'. Mt. Auburn
Consol..

CLARK COUNTY

9N, 14W

- 26, 70'NL, 330'WL, NE SW. Steve Tomko #T-4 Ritter (Courtney-Ken-Kris.)
Spd. 2-9-76. Comp. 2-12-76. TD 135'. D&A. No Sand, top not
available. Johnson South.

11N, 14W

- Irr. 6, 330'SL, 330'EL, NE NE. Ashley Oil Co. M-1 Huisinga-McVey.
Spd. 3-1-75. Comp. 3-6-76. TD 490'. IP 1/2 BOP/50 BW. West-
field, top 346', acid. Westfield.
8, SW NW SE. Ashley Oil Co. M-1 E. P. Daly. Spd 3-13-75. Comp.
3-5-76. TD 460'. IP 1 BOP/15 BW. Westfield, top 290', acid.
Westfield.
8, 300'NL, 350'EL, SE SW. Ashley Oil Co. M-2 M. Lee. Spd. 3-13-75.
Comp. 3-10-76. TD 473'. IP 1-1/2 BOP/6 BW. Westfield, top
283', acid. Westfield.

CLAY COUNTY

2N, 7E

- 13, SW SW SW. John M. Zanetis #4 Shelton. Spd. 1-26-76. Comp.
3-23-76. TD 3800'. IP 70 BOP. Salem, top 3356'. Clay City
Consol.
15, NE SW NE. Booth Oil Co., Inc. #1 Lewis Community. Spd. 12-17-75.
Comp. 3-2-76. TD 3035'. IP 15 BOP est. Aux Vases, top 2982',
mca and frac. Clay City Consol
15, SE SW NE. Booth Oil Co. #2 Lewis Community. Spd. 12-23-75. Comp.
3-2-76. TD 3045'. IP 15 BOP est. Aux Vases, top 2996', mca and
frac. Clay City Consol.
15, SE SE NW. Booth Oil Co., Inc. #1 Stanford-Schnautz Community.
Spd. 12-10-75. Comp. 1-31-76. TD 3092'. IP 4 BOP/15 BW. Aux
Vases, top 2984', mca and frac. Clay City Consol.

2N, 8E

- 8, NE SE SW. Union Oil of California #24 Leon Clark. Spd. 11-30-75.
Comp. 2-29-76. TD 3808'. IP 88 BOP. Salem, top 3523', acid.
Clay City Consol.

3N, 7E

- 1, SW SW SW. Hagen Oil Co. #1 L. Hagen Jr. Spd. 12-5-75. Comp.
3-16-76. TD 2986'. IP 74 BOP. Spar Mountain, top 2952', acid.
Sailor Springs Consol.

CLAY COUNTY (continued)

3N, 7E

Irr. 16, NW NW NE. Gary L. Hagen #1 B. Sehie. Spd. 8-5-74. Comp. 9-15-75. TD 3757'. IP 4 BOP/12 BW. Bethel, top 2801'. Sailor Springs Consol.

4N, 6E

19, SE NE SE. K Oil, Inc. #1 Ray Speaks. Spd. 12-13-75. Comp. 2-17-76. TD 2828'. IP 18 BOP/100 BW. McClosky, top 2808', acid. Louisville.
29, NE NW NE. "K" Oil, Inc. #2 V. Cox. Spd. 10-1-75. Comp. 3-17-76. TD 2877'. IP 1 BOP/15 BW. McClosky, top 2864', acid. Louisville.

4N, 7E

34, NE SW NW. Hagen Oil Co. #1-B L Hagen. Spd. 10-29-75. Comp. 3-23-76. TD 3030'. IP 30 BOP. Ohara, top 2959. Sailor Springs Consol.

CLINTON COUNTY

2N, 3W

10, 460'SL, 330'WL, SE NW SE. Richard Wilken #1 Wilken Farm. Spd. 6-25-75. Comp. 7-3-75. TD 1050'. Shut-in gas well. Cypress, top not available. Carlyle.

COLES COUNTY

11N, 7E

2, NE NW NW. Harry J. Adams #1-A Ganley-Welch Comm. OWPD-Conv. Was Carter Oil Co. #3 E. Ganley. Was Cypress producer converted to water input. OTD 2030'. Comp. 11-13-45. Recomp. 7-18-75. DTD 3248'. IP 500 MCF Gas. Devonian, top 3166'. Mattoon.

11N, 8E

8, SE SW NW. Energy Resources of Indiana #1 Ida F. Brady. Spd. 12-10-75. Comp. 12-17-75. TD 2530'. D&A. Salem, top 2455'. WF.

12N, 7E

Irr. 2, 1650'SL, 1650'EL, SE. E. C. Reeves #1 Oliver. Spd. 2-12-76. Comp. 5-30-76. TD 1768'. IP 75 BOP. Cypress, top 1729', frac. Mattoon.

CRAWFORD COUNTY

5N, 13W

2, 711'SL, 10'WL, NW NW. E. L. Whitmer, Inc. #TW-25 Parker. Spd. 5-4-75. Comp. 5-20-95 est. TD 1101'. Water Input. Robinson, top 969'. Main Consol.
2, NW NE SW. Energy Resources of Ind. #1 Parker Heirs. Spd. 9-8-75. Comp. 10-2-75. TD 1169'. IP 2 BOP. Robinson, top 894', acid. Main Consol.
3, NE SE NE. Energy Resources of Ind. #1 Rosborough Heirs. Spd. 5-1-75. Comp. 3-9-76. TD 1144'. IP 2 BOP/10 BW. Robinson, top 914', mca and frac. Main Consol.
3, 35'NL, 687'EL, SE NE. Energy Resources of Ind. #RW-26 Rosborough Heirs. Spd. 4-23-75. Comp. 5-15-75. TD 1051'. Water Input. Robinson, top 1012'. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

- 3, 700'NL, 5'EL, SE NE. Energy Resources of Ind. #TW-27 Rosborough Heirs. Spd. 4-27-75. Comp. 6-4-75 est. TD 1142'. Water Input. Robinson, top 1010'. Main Consol.

CUMBERLAND COUNTY

9N, 7E

- 28, NW NE NW. Energy Resources of Ind. #A-1 Leo Holkenbrink. Spd. 5-14-75. Comp. 5-29-75. TD 2895'. D&A. Salem, top 2834'. Lillyville North.

DOUGLAS COUNTY

15N, 7E

- 11, 430'SL, 330'WL, SE SW. William F. Masters #1-A Jurgens. Spd. 11-11-75. Comp. 2-24-76. TD 1685'. IP 30 BOP/10 BW. Spar Mountain, top 1672', acid. Bourbon Consol.

EDWARDS COUNTY

1S, 14W

- 4, 582'SL, 330'EL, NW NE. Louis A. Pessina #2 Robert Koertge. Spd. 11-29-75. Comp. 1-20-76. TD 3565'. IP 4 BOP/TR Gas and Water. Salem, top 3556', acid. Bone Gap East.

- Irr. 7, 330'SL, 330'WL, SE. M. J. Ring #1 Kelsey. Spd. 11-13-75. Comp. 2-24-76. TD 3742'. IP 7 BOP. Ohara, top 3118', mca, acid, and frac. Bone Gap Consol.

2S, 10E

- 25, SE NE NE. Southern Triangle Oil Co. #1-WI Rayl, Albion Consol., Tract #1.OWWO-Conv. Was plugged Bethel producer. Comp. 9-30-75. COTD 3000'. Water Input. Bethel, top 2959', Albion Consol.

2S, 14W

- 8, NE SE SE. John M. Zanetis #1 Cowling Heirs. Spd. 1-12-76. Comp. 2-24-76. TD 3090'. IP 110 BOP/TR Water. Bethel, top 2830', frac. Browns South.

- 29, 990'WL, 555'EL, SW. Fear and Duncan Oil Producers. Spd. 12-3-75. Comp 2-11-76. TD 3220'. IP 200 BOP. Spar Mountain, top 3102', mca and acid. Albion East.

3S, 11E

- Irr. 7, 420'NL, 660'EL, NE. Raymond A. Messman #5 McGowan-Schmittler Comm. Spd. 2-14-76. Comp 3-2-76. TD 2455'. IP 20 BOP, Waltersburg, top 2405', frac. Phillipstown Consol.

- Irr. 7, 330'NL, 330'WL, SE NW. Raymond A. Messman #3-A Agnes McGowan. Spd. 2-3-76. Comp. 2-24-76. TD 2455'. IP 50 BOP. Waltersburg, top 2414', frac. Phillipstown Consol.

- Irr. 7, 330'SL, 330'WL, SE NW. Raymond A Messman #4-A Agnes McGowan. TD 2455'. IP 20 BOP. Waltersburg, top 2420', frac. Phillips-town Consol.

EFFINGHAM COUNTY

6N, 7E

- 32, NE NW NW. E. J. Klockenkemper #1 Jansen-Richars Comm. OWWO.
Was Paul Stortzum #1 Jansen-Richars Comm. Was plugged McClosky
producer. OTD 2865'. Comp. 12-2-59. Recomp 6-11-75. COTD
2813'. IP 3 BOP/20 BW. Spar Mountain, top 2774'.
Sailor Springs Consol.

7N, 7E

- 4, SW NE SE. Energy Resources of Ind. #1 Leonard Brummer. Spd.
6-16-75. Comp. 7-7-75. TD 3200'. D&A. Salem, top 3134'.
Evers.

FAYETTE COUNTY

5N, 1E

- 30, SE SE SW. Energy Resources of Ind. #1 Nellie Lane. Spd. 3-10-76
est. Comp. 3-16-76. TD 3300'. D&A. Silurian, top 3037'. WF.

5N, 3E

- 32, NE SE NW. C. E. Brehm Drlg. & Prod. #1 Rubin. Spd. 4-5-75. Comp.
4-8-75. TD 2220'. D&A. McClosky, top 2090'. WN-St. Paul.

8N, 3E

- 2, SW NE SE. Fayette County Oil & Gas Producers #1 White. Spd.
12-18-74. Comp. 12-27-74. TD 1622'. D&A. Bethel, top 1616'.
Louden.

- 2, NE NE SE. Fayette County Oil & Gas Producers #2 White. Spd.
6-9-75. Comp 6-12-75. TD 1618'. D&A. Bethel, top 1612'.
Louden.

- 21, C SE SE. Natural Gas Pipeline Co. #S.P.-1 Jennie Brauer. Con-
version. Was Carter Oil Co. #6-D J. Brauer. Was Devonian
producer. Converted to Devonian gas injection-withdrawal.
OTD 4679'. Comp. 12-9-41. Recomp. 5-27-75. TD 4679'.
Gas storage observation. St. Peter, top 4421'.
Louden.

- 28, 60'NL, 78'WL, NW. Natural Gas Pipeline Co. #SP.-1 L. Weaver.
OWLD-Conv. Was Salem SWD. OTD 2100'. Comp 10-25-71. Recomp.
3-18-75. DTD 4739'. Gas storage obs. St. Peter, top 4466'.
Louden.

FRANKLIN COUNTY

6S, 2E

- 36, 1125'NL, 150'WL, NE. Shell Oil Co. #225-W Benton Flood Unit.
Spd. 6-29-75. Comp. 7-12-75. TD 2160'. Water Input. Tar
Springs, top 2110'. Benton.

GALLATIN COUNTY

10S, 9E

- 8, SE SE NE. United States Oil Co. #1 Peabody Coal Co. Spd. 12-23-75.
Comp. 12-31-75. TD 2578'. D&A. McClosky, top 2555'. WF.

JEFFERSON COUNTY

2S, 4E

10, SE NE NE. Charles T. Evans #1 Bean. Spd. 11-12-75. Comp. 1-12-76.
TD 2976'. IP 4 BOP/35 BW. McClosky, top 2948', acid and frac.
Oakdale.

10, C E/2 SE NE. Charles T. Evans #2 Bean. Spd 3-13-76. Comp.
3-17-76. TD 2999'. D&A. McClosky, top 2949'. Oakdale.

3S, 2E

22, NE NE SW. Juniper Petroleum Corp. #45-22 Skidmore. Spd. 2-7-76.
Comp. 2-23-76. TD 3520'. D&A. Warsaw, top 3380'. Marcoe.

LAWRENCE COUNTY

2N, 13W

22, NW NW NW. Televest Exploration #1 Bennett-Corrie. Spd. 12-11-74.
Comp. 1-10-75 est. TD 2907'. IP 7 BOP. Spar Mountain, top
2668', acid. Lancaster. (Erroneously reported as D&A in
July 1975 Drlg. Report.)

3N, 11W

Irr. 9, 3282'NL, 330'WL, of Loc. 268. Schlensker Drlg. Corp. #1
Billie Bob Seward. Spd. 10-13-75. Comp. 10-30-75. TD 3582'.
D&A. Devonian, top 2793'. WN-Lawrence

3N, 12W

19, SE NW NW. Marathon Oil Co. #KK-27 Gray Estate. Conversion. Was
E. L. Whitmer #5 A. Gray. Was Bethel producer. Comp. 12-30-75.
TD 2010'. Water Input. Bethel, top 1916'. Lawrence.

28, SE SE NE. HMB Oil Recovery #1 James England. Abd. loc. Lawrence.

4N, 11W

2, SE SW SW. Perry Fulk #1 Lankford Comm. CORRECTION. Erroneously
reported as D&A in the Dec 1975 Drlg. Report, this well has not
been drilled. Lawrence

2, SW SE SW. Perry Fulk #1 Miller Comm. CORRECTION. Reported as
D&A in the Dec 1975 Drlg. Report, this was was erroneously
changed to an abd. loc. in the Feb. 1975 Drlg. Report. The
Dec. 1975 report on this well is correct. Lawrence.

4N, 12W

30, 731'NL, 644'WL, SE NE. Marathon Oil Co. #65 W. R. Crackle a/c 1.
Spd. 12-2-75. Comp. 2-6-76. TD 3155'. IP 9.7 BOP/178 BW.
Devonian, top 2891', acid, frac. Lawrence.

30, 605'SL, 713'EL, SE. Marathon Oil Co. #25 L. D. Sutton (Sutton
Unit.) Spd. 10-10-75. Comp. 11-23-75. TD 3172'. IP 22 BOP/11
BW. Devonian, top 2959', acid. Lawrence.

MACON COUNTY

15N, 1E

1, NE NE NW. W. A. Corley #1 Louis S. Jockisch. Spd. 3-12-76. Comp.
3-30-76. TD 2167'. D&A. Silurian, top 2132'. Harristown South.

MARION COUNTY

1N, 4E

23, 330'NL, 346'WL, NE NE. Crest Oil Co., Inc. #1 Halfacre. Spd.
7-20-75. Comp. 3-2-76. TD 3383'. Temp. Abd. Salem, top 3171'.
WN-Orchardville North.

2N, 2E

4, 930'NL, 330'EL, NE. Texaco Inc. #13 (T. Fisher), Tonti Unit, Tract 3.
Spd. 1-26-76. Comp. 2-20-76. TD 2250'. IP 25 BOP/677 BW. Benoist,
top 1944', frac., Aux Vases, top 2003', frac., Spar Mountain,
top 2120' frac., McClosky, top 2147', acid. Tonti.

17, 330'SL, 430'EL, NE SW. Northwestern Oil Co. #1 John Helpingstine.
OWWO-OWDD. Was C. R. Winn Drlg. Co. OTD 2155'. Was temp. abd.
Comp. 3-16-71. Recom. 12-1-75. DTD 2200'. IP 1 BOP/15 BW.
McClosky, top 2155', acid. Salem Consol.

3N, 1E

5, 990'SL, 400'EL, SW. R. H. Troop #4-T Adams-Nattier Comm. Spd.
11-23-74. Comp. 3-2-76. TD 4005. IP 28 BOP. Trenton, top
3966', acid. Patoka South.

RICHLAND COUNTY

4N, 9E

33, C N/2 SE NW. Fred Seip #1 D. Delzell. Conversion. Was Da-Von
Delzell #1 D. Delzell. Was McClosky producer. Comp. 2-20-76.
COTD 2995'. Water Input. McClosky, top 2990' Clay City
Consol.

SALINE COUNTY

8S, 6E

35, 330'SL, 320'WL, SE SE. John L. Jehle #1 DeVillez. Spd. 11-15-75.
Comp. 2-17-76. TD 2505'. IP 16 BOP. Degonia, top 1688', mca.
Eldorado Consol. NEW PAY IN FIELD.

10S, 5E

15, NE NE SE. A. B. Barrow #1 Clin on film. Spd. 2-8-76. Comp.
2-20-76. TD 3003'. D&A. St. Louis, top 2630'. WF.

SANGAMON COUNTY

15N, 3W

Irr. 19, 990'EL, 330'WL, NW. John Carey Oil Co. #1 Rhoades Comm.
Spd. 1-26-76. Comp. 1-30-76. TD 1771'. D&A. Silurian, top
1704'. Berry.

16N, 2W

26, 330'SL, 339'EL, SW NE. Homeier Oil Ent., Inc. #1 Collier Comm.
Spd. 3-26-76. Comp. 3-29-76. TD 1795'. D&A. Silurian, top
1780' (approx.)

16N, 3W

27, NE SE SE. John Carey Oil Co. #1 Park. Spd. 2-8-76. Comp. 2-13-76.
TD 1785'. D&A. Silurian, top 1724'. WN-Mechanicsburg.

SHELBY COUNTY

10N, 4E

- 26, SW SE SW. Energy Resources of Ind., Inc #1 Jude Bixler. Spd.
10-23-75. Comp 11-4-75. TD 3470'. D&A. Silurian, top 3416'.
WF.

WABASH COUNTY

1N, 12W

- 24, 330'SL, 392'WL, NE. Whiteside Oil Co. #1 John Marcotte. Spd.
12-1-75. Comp 2-9-76. TD 1470'. IP 25 BOP. Biehl, top 1436',
mca and frac. Allendale.

1N, 13W

- 22, SW NW SW. Spartan Petroleum Co. #1 Esther Blythe et al. Spd.
2-3-76. Comp. 2-14-76. TD 3360'. D&A. Salem, top 3078. Lan-
caster South.

1S, 12W

- Irr. 18, 1005'SL, 394'WL, SE. Farmers Petroleum Cooperative, Inc.
#1 S.W.D. Conversion. Was Hoyt Lovelace #1 Paul H. Kolb. Was
Tar Springs producer, OTD 1753'. Comp 1-8-51. Recomp.
1-30-76. COTD 1700' est. SWD. Pennsylvanian, top
1524'. Mt. Carmel.
- 19, 330'NL, 330'EL, SW NE. Spartan Petroleum Co. #2 Tennes et al.
Spd. 11-19-75. Comp 2-16-76. TD 2440'. IP 5 BOP/10 BW. Ohara,
top 2355', acid. Mt. Carmel.

1S, 13W

- 12, 330'NL, 390'WL, SW NE. Spartan Petroleum Co. #2 Hudgins-Haase Unit.
Spd. 3-13-76. Comp 3-30-76. TD 2526'. D&A. McClosky, top
2519'. Mt. Carmel.

WAYNE COUNTY

1N, 6E

- 3, NW SW NE. GF Industries, Inc. #1 Geo. C. Martin. Spd. 7-22-75.
Comp. 7-24-75. TD 3315'. D&A. McClosky, top 3280'. WN-Zenith
East.

1N, 9E

- 22, NW NE NE. Energy Resources Corp. #1 Floyd. Spd. 2-4-76. Comp.
2-12-76. TD 3212. D&A. Aux Vases, top 3192'. Maple Grove
Consol.
- 22, NE NE SE. Energy Resources Corp. #3 Weber. Spd. 1-22-76. Comp.
3-2-76. TD 3225'. IP 150 BOP. Aux Vases, top 3192', frac.
Maple Grove Consol.

2N, 6E

- 27, NW NW NW. Donald E. Schmitt #2-SWD Hilliard. Conversion. Was
Salem producer. Comp. 10-23-74. COTD 3644'. SWD. Salem, top
3631'. Zenith North.

WAYNE COUNTY (continued)

2N, 7E

24, 420'NL, 330'EL, NW. Hubert W. Rose #1 Gill Heirs. Spd. 12-10-75.
Comp. 2-25-76. TD 3741'. IP 200 BOP. Salem, top 3470', acid.
Clay City Consol.

34, NW NW NE. Union Oil Co. of California B-#1 Carman Consol. Con-
version. Was Aux Vases producer converted to Aux Vases Water
Input. Comp. 2-27-76. COTD 2848'. IP 25 BOP. 78 BW. Cypress,
top 2733'. Clay City Consol.

1S, 6E

14, SW SW SE. Van Fossan Associates #1 Beeson. OWWO-OWDD. Was R. I.
Thompson #1 Beeson. Was D&A, OTD 3225'. Comp. 10-30-51. Recom.
2-25-76. DTD 3823'. IP 80 BOP. Salem, top 3722', acid.
Johnsonville South.

1S, 8E

13, NW NE SW. Dae V. Love #1 Blackburn - Thomas. Abd. loc. Clay City
Consol.

22, NW SW NE. Juniper Petroleum Corp. #53-22 Borah. Spd. 1-15-76.
Comp. 3-30-76. TD 4037'. IP 30 BOP/76 BW. Salem, top 3758',
mca and acid. Clay City Consol.

23, 414'NL, 397'WL, SW. Juniper Petroleum Corp. #15-23 Weedon Heirs
"A" (Deep.) Spd. 12-20-75. Comp. 3-9-76. TD 4000'. IP 42 BOP.
St. Louis, top 3301', mca and acid. Clay City Consol.

2S, 8E

34, SE NW NE. Bernard Podolsky #1A Carson Oakley. OWDD. Was Carl
Robinson. McClosky producer, OTD 3393'. Comp. 6-18-40. Recom.
3-9-76. DTD 4137'. IP 35 BOP/56 BW. Salem, top 3790',
acid. Barnhill.

WHITE COUNTY

4S, 9E

25, 400'SL, 400'EL, SW SE. Ccy Oil, Inc. #3 Mary L. Winter. Abd. loc.
Sumpter.

4S, 11E

Irr 7, 370'SL, 330'WL, NE SW. C. E. Brehm Drlg. & Prod #1 Lamont.
Spd. 5-21-75. Comp. 9-10-75. TD 3101'. D&A Spar Mountain,
top 3076'. Phillipstown Consol.

4S, 14W

Irr. 18, 660'NL, 990'WL, NW. William R. Becker #1 W. R. Becker. Spd.
1-2-76. Comp. 2-25-76. TD 3156'. IP 20 BOP. McClosky, top
3084', acid. Phillipstown Consol.

33, 330'NL, 480'WL, NE. The Superior Oil Co. #46 E. S. Dennis. Spd.
1-5-76. Comp 2-24-76. TD 2695'. IP 28 BOP/251 BW. Tar Springs,
top 2188', Cypress, top 2568', mca. New Harmony Consol.

WHITE COUNTY (continued)

5S, 10E

11, NW SE SE. Slagter Producing Corp. #1 Earlene Brooks. Spd. 1-8-76.
Comp. 1-13-76. TD 2199'. D&A. Palestine, top 2176'. WN-Phillips-
town South Consol.

6S, 9E

34, C SE NW. Don W. Slater #1-A Herald Unit. Spd 10-15-75. Comp.
1-24-76. TD 2775'. IP 17 BOP/72 BW. Cypress, top 2688', frac.
Herald Consol.

6S, 10E

27, SW NE NW. C. E. Brehm Drlg. & Prod. #1 "D" Brehm. Spd. 4-22-75.
Comp. 4-28-75. TD 3055'. D&A. McClosky, top 3034'. Concord
Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MARCH 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

BOND COUNTY

22-5N-4W, NW NE SW. A. Wilson #6 Zobrist. 623'. 2-26-76. Old Ripley.

CHRISTIAN COUNTY

22-15N-1W, NW SE SW. Baughman & Osborn #1-B V. Matthew. 1934'. 2-26-76.
Mt. Auburn Consol.

CLAY COUNTY

17-2N-8E, NE NW SW. Partlow & Cochonour #5 L. Skelton. 3688'. 2-2-76.
Clay City Consol.

25-4N-7E, SE NW NW. J. L. Black Oil Prod. Inc. #1 W. D. Dillman Hrs. 2979'.
2-9-76. Sailor Springs Consol.

CUMBERLAND COUNTY

7-10N-11E, 443'SL, 440'WL NE NE. G. S. Hammonds #B-3 LaRue, formerly Bell Bros. #2. 516'. 2-17-76. (Water input, formerly a producer.)
Siggins.

FRANKLIN COUNTY

25-7S-4E, SE NE SE. C. E. Brehm Drlg. & Prod. #1 Mohler. 3159'. 1-28-76.
Dale Consol.

JEFFERSON COUNTY

7-1S-4E, SW SE SE. Merging Finance Corp. #1 Potter. 3180'. 2-10-76.
Divide Consol.

11-2S-4E, S/2 SE SW. Petroleum Explor. & Develop. #1 Wilson. 3010'.
2-12-76. Oakdale.

MCDONOUGH COUNTY

15-4N-4W, NW NW SW. Caldwell Bros. #6 E. R. Myers. 496'. 3-2-76. (Unidentified with Geological Records.) Colmar-Plymouth.

MACOUIA COUNTY

22-8N-7W, 410'NL, 350'EL SW. M. D. Burket #1 Charles Schmidt. 540'.
3-10-76. Gillespie West.

WABASH COUNTY

35-2N-12W, 711'SL, 1357'EL SE. S. W. Petre #3-B Trimble Heirs. 1395'.
7-30-75. Allendale.

3-1S-13W, NW SE NE. C. E. Skiles #5 Smalley. 2316'. 2-26-76. (Water input, formerly a producer.) New Harmony Consol.

WHITE COUNTY

31-3S-8E, SE NE SW. Nation Oil Co. #2 W. P. McIntosh, formerly A. F. Anding. 5455'. 2-4-76. Mills Shoals

9-4S-14W, 280'NL, 280'EL NE NE SW. J. H. Vandebark #8 Halbert-Calvin, formerly Burr-Lambert #8 Calvin. 2860'. 1-15-76. (Water input, formerly a producer.) New Harmony Consol.

WHITE COUNTY (continued)

9-4S-14W, SW SW SE. J. H. Vandebark #3 Halbert-Hon, formerly J. C. Haynes
#3 H. L. Hon. 2864'. 1-13-76. (Water input, formerly a producer.)

New Harmony Consol.

17-7S-9E, NW SW NE. Pioneer Oil Co. #1 E. Noel. 1930'. 3-11-76. Herald
Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973)

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
Department of Registration and Education

I L L I N O I S S T A T E G E O L O G I C A L S U R V E Y

Urbana, Illinois 61801

M O N T H L Y R E P O R T

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

No. 474

April 1976
THE LIBRARY OF THE

MAY 24 1976
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN



DISCOVERIES

New Fields

None

Extensions to Fields

ADEN SOUTH. Hamilton County, 31-3S-7E, McClosky at 3417'. Discovery well, Oilfield Research, Inc. #2 Evelyn E. Leach et al., IP 8 BOP, 19 BW.

GOLDENGATE EAST. Wayne County, 2-3S-9E, Spar Mtn. at 3338'. Discovery well, Farmers Petroleum Cooperative, Inc. #1 Michels-Racster Comm. (OWWO, was D&A), IP 24 BOP.

JOHNSTON CITY EAST. Williamson County, 15-8S-3E, Spar Mtn. at 2713'. Discovery well, C. E. Brehm Drlg. & Prod. #1 Mutual Oil & Gas, IP 24 BOP, 120 BW.

New Pay Zones in Fields

GOLDENGATE EAST. Wayne County, 2-3S-9E, Spar Mtn. at 3338 Discovery well, Farmers Petroleum Cooperative, Inc. #1 Michels-Racster Comm. (OWWO, was D&A), IP 24 BOP.

TABLE X

New Pools Discovered from May 1975 through April 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------|------|------|---------------------|------|------|
| <u>May 1975</u> | | | <u>November</u> | | |
| Louisville: | | | None | | |
| Clay | 4N | 6E | | | |
| <u>June</u> | | | <u>December</u> | | |
| | | | None | | |
| Vergennes: | | | | | |
| Jackson | 7S | 2W | <u>January 1976</u> | | |
| <u>July</u> | | | Oconee: | | |
| | | | Shelby | 10N | 1E |
| None | | | | | |
| <u>August</u> | | | <u>February</u> | | |
| | | | Harristown S: | | |
| None | | | Macon | 16N | 1E |
| <u>September</u> | | | <u>March</u> | | |
| | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | <u>New Dry Holes</u> | | | Production in | | |
|-------------|--|----------------------------------|---------------------|--------------------|----------------------|----------------------------|-----------------|----------------------|------------|--------------|
| | Field Wells | <u>Discoveries</u> Field Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | <u>Wildcat</u> Near Far | Total New Tests | Thousands of Barrels | | |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | <u>95(1)</u> | <u>0</u> | <u>1</u> | <u>90(1)</u> | <u>6</u> | <u>50</u> | <u>23</u> | <u>18</u> | <u>182</u> | <u>2,216</u> |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 54 | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,250 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,175 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1976 are from reports received directly from crude gathering companies. The figures for March and April 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, April 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions Were | | |
| | | | Prod. | D&A | Prod. | | Prod. | Others | |
| Bond | 1 | 1 | 1 | - | - | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | 1 | 2 | 1 | 1 | - | - | - | - | - |
| Clark | 6 | - | - | - | - | - | - | - | - |
| Clay | 10 | 21 | 15 | 3 | 2 | - | - | 1 | - |
| Clinton | 2 | 2 | 1 | - | 1 | - | - | - | - |
| Coles | 5 | 2 | 1 | 1 | - | - | - | - | - |
| Crawford | 20 | 2 | 1 | - | - | 1 | - | - | - |
| De Witt | 1 | - | - | - | - | - | - | - | - |
| Douglas | - | 2 | - | 2 | - | - | - | - | - |
| Edgar | 2 | 2 | - | 2 | - | - | - | - | - |
| Edwards | 1 | 1 | - | - | - | - | 1 | - | - |
| Effingham | - | 2 | - | 2 | - | - | - | - | - |
| Fayette | 8 | - | - | - | - | - | - | - | - |
| Franklin | 3 | 1 | 1 | - | - | - | - | - | - |
| Gallatin | 3 | - | - | - | - | - | - | - | - |
| Hamilton | - | 2 | 1 | 1 | - | - | - | - | - |
| Hancock | 1 | - | - | - | - | - | - | - | - |
| Jasper | 1 | 1 | 1 | - | - | - | - | - | - |
| Jefferson | 1 | 2 | 2 | - | - | - | - | - | - |
| Lawrence | 6 | 9 | 5 | 1 | 1 | 2 | - | - | - |
| Macon | 1 | 1 | - | 1 | - | - | - | - | - |
| Madison | 1 | 4 | - | 2 | 1 | 1 | - | - | - |
| Marion | 10 | 7 | 2 | 2 | - | - | 3 | - | - |
| Morgan | - | 1 | - | 1 | - | - | - | - | - |
| Pope | 1 | - | - | - | - | - | - | - | - |
| Randolph | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 2 | - | - | - | - | - | - | - | - |
| Saline | 1 | 1 | - | 1 | - | - | - | - | - |
| Sangamon | - | 3 | - | 3 | - | - | - | - | - |
| Wabash | 14 | 4 | 2 | 2 | - | - | - | - | - |
| Washington | 2 | 1 | - | 1 | - | - | - | - | - |
| Wayne | 23 | 10 | 5 | 4 | 1 | - | - | - | - |
| White | 18 | 7 | 1 | 3 | 1 | - | 2 | - | - |
| Williamson | - | 4 | 2 | 2 | - | - | - | - | - |
| | 146 | 96 | 42 | 36 | 7 | 4 | 6 | 1 | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 2, 1976, through April 29, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, April 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | - | - | - | - | - | - |
| Mc Lean | 1 | - | - | - | - | - | - |
| Montgomery | <u>1</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 4 | - | - | - | - | - | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 2, 1976, through April 29, 1976.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

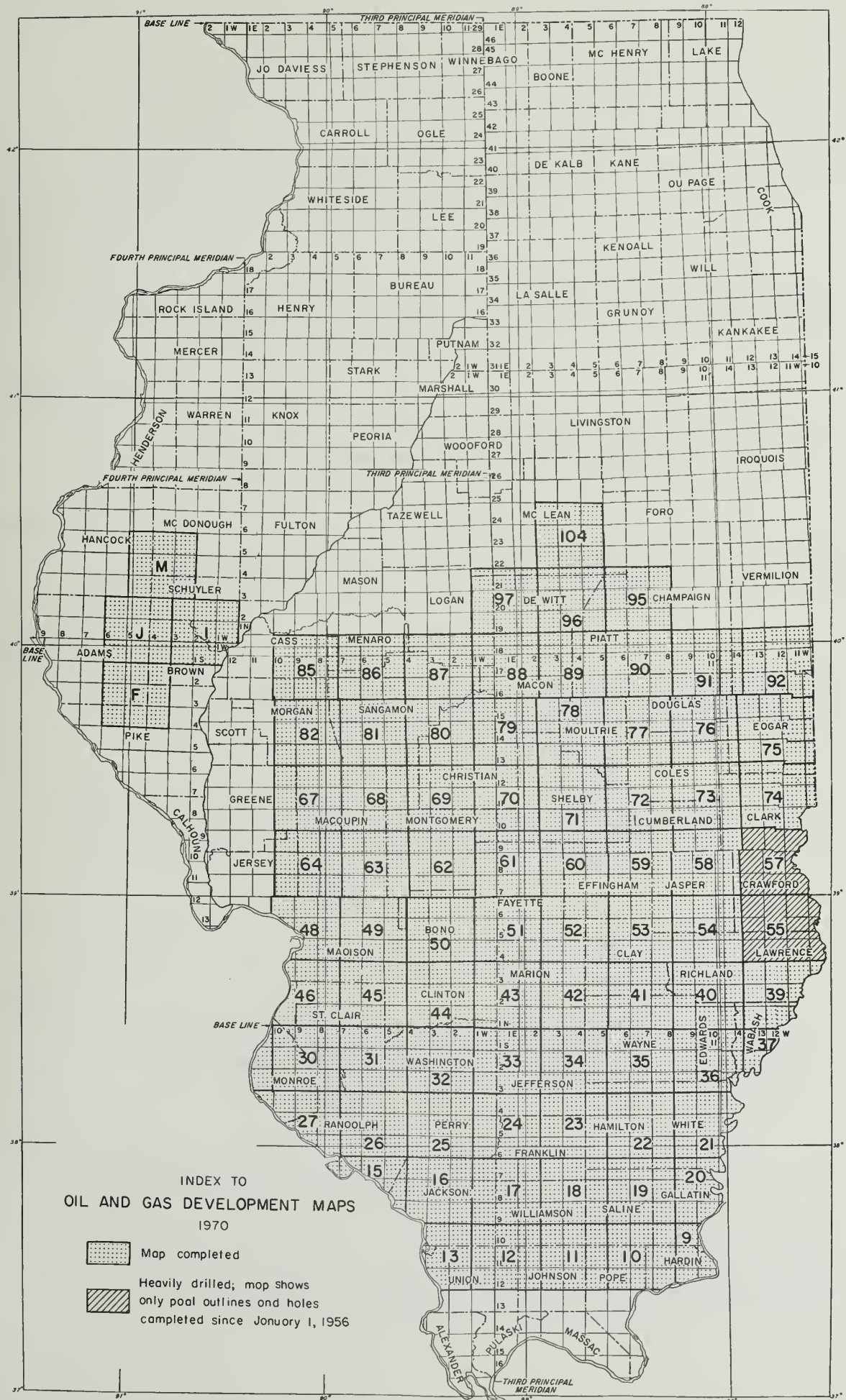
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1 00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM APRIL 3, 1976 TO APRIL 30, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

5N-4W

15, 580'NL, 370'EL, SE SW. Sam Parker #3 Donk Bros. Coal & Coke Co.
Spd. 12-11-75. Comp. 1-19-76. TD 624'. IP 10 BOP. Pennsylvanian,
top 611', frac. Old Ripley.

CHRISTIAN COUNTY

11N-1E

Irr. 36, 660'SL, 455'EL, SW NW. Frank's Petr. Exploration #1 Brunner.
Spd. 2-20-74. Comp. 4-20-76. TD 2905'. D&A (SO). Devonian,
top 2882'. Pana South.

15N-2W

8, SE SE SW. Midland Oil Devel. Co., Inc. #1 McDaniel. Spd. 9-12-72.
Comp. 8-20-73. TD 1867'. IP 100 BOP. Silurian, top 1840', acid.
Roby East.

CLAY COUNTY

2N-7E

13, C S/2 SE SW. John M. Zanetis #3 Gill. OWWO-OWDD. Was National
Assoc. Pet. Co. #1-B H. C. Gill. Was D&A. OTD 3053'. Comp.
7-9-46. Recomp. 4-6-76. DTD 3833'. IP 127 BOP. Salem,
top 3482', acid. Clay City Consol.

13, SE NE SW. Booth Oil Co., Inc. #1 Rachel Ullom. OWWO-OWDD. Was
John M. Zanetis #1 Ullom. Was D&A. OTD 3120'. Comp. 2-16-68.
Recomp. 4-5-76. DTD 3665'. D&A. Salem, top 3320'. Clay
City Consol.

2N-7E

16, NE SW NE. Booth Oil Co. #1-A Kitley. Abd loc. Clay City Consol.

2N-8E

Irr. 3, 660'SL, 330'EL, NW SE. M. C. Milam #1 Holman. OWWO-Conv.
Was Shulman Bros. #1 W. S. Holman. Was plugged Cypress producer.
GTD 2632'. Comp. 8-26-52. Recomp. 8-24-73. CGTD 1700'.
SWD. Pennsylvanian, top 1685'. Clay City Consol.

3N-6E

3, SW SW SW. Comanche Oil Corp. #1A Eade. Spd. 3-3-76. Comp. 3-10-76.
TD 3002'. D&A. McClosky, top 2970'. WN - Louisville South.

10, NE NW NW. Comanche Oil Corp. #1 Eade. OWWO-OWDD. Was National
Associated Petroleum Co. #1 Eade & Harrison. Was D&A. OTD 3093'.
Comp. 5-31-68. Recomp. 3-31-76. DTD 4740'. IP 100 BOP/
100 BW Aux Vases, top 2825', mca & frac. EXTENSION
TO LOUISVILLE SOUTH FIELD.

CLAY COUNTY (continued)3N-6E

- 13, NW NW SW. Dawn Oil, Inc. #1 J. Winka et al. Spd. 1-9-76. Comp. 3-24-76. TD 2986'. IP 8 BOP/some wtr. Bethel, top 2800', frac. Sailor Springs Consol.

3N-7E

- 2, NW NW NE. Woodrow Franklin #1 J. Keck. Spd. 6-6-75. Comp. 4-6-76. TD 2950'. IP 12 BOP/15 BW. Aux Vases, top 2854', mca & frac. Sailor Springs Consol.
- 2, 960'NL, 330'WL, NE. Woodrow Franklin #2 E. Keck. Spd 6-22-75. Comp. 4-6-76. TD 2945'. IP 22 BOP/5 BW. Aux Vases, top 2880', mca & frac. Sailor Springs Consol.
- 2, 1750'NL, 330'WL, NE. Woodrow Franklin #3 E. Keck. Spd 9-10-75. Comp. 4-6-76. TD 2920. IP 25 BOP/10 BW. Aux Vases, top 2872', mca & frac. Sailor Springs Consol.
- 2, C N/2 SE SE. Hagen Oil Co. #1 Patridge. Spd. 12-7-75. Comp. 4-6-76. TD 3522'. IP 45 BOP/75 BW. McClosky, top 2954', mca. Sailor Springs Consol.

4N-7E

- 3, SE SW SE. Shelby A. Britton #1 F. Wolfe. Spd. 10-3-75. Comp. 4-6-76. TD 2987'. IP 17 BOP/15 BW. Cypress, top 2597', frac. Sailor Springs Consol.
- 10, 405'NL, 330'EL, SW SE. Shelby A. Britton #2 A. Murphy. Spd. 9-3-75. Comp. 4-6-76. TD 3195'. IP 6 BOP. Spar Mt., top 2912', St. Louis, top 3109', mca & acid. Sailor Springs Consol.
- 10, 405'NL, 330'WL, SW SE. Shelby A. Britton #3 A. Murphy. Spd. 9-23-75. Comp. 4-6-76. TD 2995'. IP 6 BOP/10 BW. Cypress, top 2588', mca & frac. Sailor Springs Consol.
- 12, SW NE NE. Robert E. Trimpe #3 J. Stanley. Spd. 4-20-76. Comp. 4-25-76. TD 2968'. D&A. Ste. Genevieve, top 2900' (est). Sailor Springs Consol.
- 27, SE SE SW. Woodrow Franklin #2 H. Franklin. Spd. 9-18-75. Comp. 4-6-76. TD 2957'. IP 18 BOP/35 BW. Aux Vases, top 2884', mca, frac. Sailor Springs Consol.
- 34, SE NE NW. Woodrow Franklin #1 H. Franklin. Spd. 9-29-75. Comp. 4-6-76. TD 2951'. D&A. St. Genevieve, top 2938'. Sailor Springs Consol.
- 34, SW NE NE. Woodrow Franklin #4 H. Franklin. Spd. 5-7-75. Comp. 4-6-76. TD 2940'. IP 18 BOP/25 BW. Aux Vases, top 2858', mca & frac. Sailor Springs Consol.

CLAY COUNTY (continued)4N-7E

- Irr. 35, 330'NL, 330'WL, NW NE SW. Woodrow Franklin #6 Paul Kessler. Spd. 9-16-74. Comp. 4-6-76. TD 3030'. IP 20 BOP/20 BW. McClosky, top 2960'. Sailor Springs Consol.
- 36, SW NE SW. James C. Franklin #1 J. Franklin. Spd. 5-22-75. Comp. 4-6-76. TD 3088'. IP 45 BOP. Spar Mt., top 2968'. Sailor Springs Consol.
- 36, NW SE NW. Woodrow Franklin #2 J. Franklin. Spd. 7-11-75. Comp. 4-6-76. TD 3014'. IP 10 BOP/15 BW. Spar Mt., top 2958', mca. Sailor Springs Consol.
- 36, NW SW SE. Woodrow Franklin #2-A R. Franklin. Spd. 5-31-75. Comp. 4-6-76. TD 2347'. IP 6 BOP/10 BW. Tar Springs, top 2339'. Sailor Springs Consol.
- 36, SW SW NW. Woodrow Franklin #9 Kessler. Spd. 6-13-75. Comp. 4-6-76. TD 2956'. IP 15 BOP/20 BW. Aux Vases, top 2884'. Sailor Springs Consol.

CLINTON COUNTY1N-3W

- Irr. 19, 330'SL, 330'WL, NE SE NW. Richard E. Hollenkamp #2 Loepker. OWWO. Was E. J. Goldschmidt #2 Loepker. Was plugged Cypress producer. OTD 950'. Comp. 11-12-46. Recom. 10-1-74 (est.). COTD 950' (est). Temp. abd. Cypress, top 914'. Bartelso West.

1N-5W

- 34, SW NW SW. Elmer Oelze, Jr. #1 Good. OWWO. Was Gulf Refining D&A. OTD 2135'. Comp. 9-11-51. Recom. 11-12-75. COTD 2134'. Oil well, IP not available. Silurian, top 2120', nat. New Memphis.
- 34, SE NW SW. Elmer Oelze, Jr. #2 Good. Spd. 11-13-75. Comp. 12-15-75 (approx.) TD 2030'. Oil well, IP not available. Devonian-Silurian, top 2030' (est.) New Memphis.

COLES COUNTY12N-7E

- Irr. 2, 1650'SL, 2310'EL, SE. E. C. Reeves #3 Oliver. Spd. 4-10-76. Comp. 4-13-76. TD 1775'. D&A. Cypress, top 1714'. Mattoon.
- 11, C W/2 NW SW. Safari Oil Co. #1B Homann. Spd 4-1-76. Comp. 4-21-76. TD 2004'. IP 10 BOP/10 BW. Cypress, top 1772', frac. Mattoon.

CRAWFORD COUNTY5N-13W

- 1, 40'NL, 710'WL, SW. Energy Resources of Indiana #FW-28 Valdez. Spd. 9-4-75. Comp. 10-30-75. TD 1029'. Water input. Robinson, top 828'. Main Consol.

CRAWFORD COUNTY (continued)6N-13W

15, 664'SL, 2030'WL, SW. Marathon Oil Co. #0-13 W. Mann M-1. Abd.
loc. Main Consol.

8N-13W

35, NE SW SW. Billy R. Rector #2-A Ikemire Heirs - McCoy. Spd.
10-7-75. Comp. 4-23-76. TD 1227'. IP 22 BOP/8 BW. Robinson,
top 927', frac. & shot (sng). Main Consol.

DOUGLAS COUNTY15N-7E

25, NW SW NW. Joyce Botts #2 Kamm. Spd. 3-14-76. Comp. 3-22-76.
TD 1732'. D&A. Spar Mt., top 1704'. Bourbon Scuth.

26, SE SE NE. Joyce Botts #3 Kamm. Spd. 3-23-76. Comp. 4-13-76.
TD 1738'. D&A. Spar Mt., top 1712'. Bourbon South.

EDGAR COUNTY13N-13W

8, NW SW NE. Odis S. Pattillo #3 Bessie Zink. Spd. 4-7-76. Comp.
4-15-76. TD 480'. D&A. Second Dudley Sand, top 469'. Dudley.

22, NE SW NW. R. S. English #1 Asa Greathouse. Spd. 2-19-76. Comp.
4-2-76. TD. 1402'. D&A. Devonian, top 1350'. WN - Dudley.

EDWARDS COUNTY3S-11E

Irr. 18, 380'NL, 330'EL, NW SW. Bernard Podolsky #2-A R. W. Curtis.
Conversion. Was Coy Oil Co. #2-A R. W. Curtis. Was McClosky
producer. Comp. 4-2-76. COTD 3221'. Water input. Ohara,
top 3147', McClosky, top 3203'. Phillipstown Consol.

EFFINGHAM COUNTY6N-6E

18, SW NE NE. C. E. Brehm Drlg. & Prod. #1-18 Bushue. Spd. 3-7-76.
Comp. 3-23-76. TD 3080'. D&A. Salem, top 3044'. WN - Hill.

6N-7E

16, SE SW SW. Booth Oil Co. Inc., #1 Citizens National Bank of
Decatur. Spd. 4-22-76. Comp. 4-27-76. TD 2950'. D&A. McClosky,
top, 2950'. Sailor Springs Consol.

FRANKLIN COUNTY5S-3E

4, C W/2 SW SE. Juniper Petro. Corp. #58-4 Mitchell et al. Spd. 1-10-76.
Comp. 4-12-76. TD 3864'. IP 96 BOP/44 BW. Aux Vases, top 2854',
nat. Ewing. REVIVES FIELD.

HAMILTON COUNTY3S-7E

31, SW NE NW. Oilfield Research, Inc. #2 Evelyn E. Leach et al. Spd.
8-4-75. Comp 4-6-76. TD 3459'. IP 8 BOP/19 BW. McClosky, top
3417'. EXTENSION TO ADEN SOUTH.

HAMILTON COUNTY (continued)

5S-7E

- 14, C W/2 NE NE. C. E. Brehm Drilg. & Prod. #1 Hanagan. Spd. 3-8-76.
Comp. 3-14-76. TD 3452'. D&A. McClosky, top 3432'. WN -
Thackeray,

JASPER COUNTY

7N-10E

- 24, NW NW SW. Southern Ill. Oil Producers, Inc. #1A Woehl. Spd.
1-20-76. Comp. 4-23-76. TD 2672'. IP 40 BOP/15 BW. McClosky,
top 2556', acid & frac. Clay City Consol.

JEFFERSON COUNTY

1S-3E

- 21, NE NW SW. Charles E. Fisher, Jr. #1 Hagen. OWWO. Was Oil
Recovery, Inc. #1 Hagen. Was plugged McClosky producer. OTD
2672'. Comp. 8-1-72. Recomp. 12-23-75. COTD 2673'. IP
8½ BOP/17 BW. McClosky, top 2659'. Reservoir.
- 26, 330'SL, 450'EL, NE NW. Nick Babare, Jr. #4 O. D. Frost. Spd.
12-23-75. Comp. 4-5-76. TD 3271'. IP 15 BOP. McClosky, top
2798', acid, Salem, top 3233', acid. Divide Consol.

2S-4E

- 11, SE SE NW. David E. Steirmann #1-A Wood. Spd. 12-26-75. Comp.
1-20-76. TD 3051'. IP 4 BOP/10 BW. McClosky, top 2951', acid.
Oakdale.

LAWRENCE COUNTY

3N-12W

- 12, 235'SEL, 1324'NEL of Lot 27, C. E. Buchanan's Survey of the Shoal
Tract. C. E. Billingsley #1-A Robert Kirkwood. Spd. 2-11-76.
Comp. 4-1-76. TD 1650'. IP 8 BOP. Cypress, top 1610',
mca & frac. Lawrence.
- 17, C SE SW. Lyle Gilliatt #1-SWD Rogers Heirs. Spd. 2-10-76. Comp.
2-13-76. TD 1700'. SWD. Cypress, top 1666'. Lawrence.

3N-13W

- 14, NW NE SW. Reinhold Oil Producers #2A E. H. Brown. Spd. 1-7-76.
Comp. 4-5-76. TD 2246'. IP 120 BOP. Bethel, top 2104', mca &
frac. Lawrence West.

4N-11W

- 11, 660'NL, 338'WL, NW. Arthur H. Schroll #1 Pinkstaff-Crawford Unit.
Spd. 11-12-75. Comp. 4-13-76. TD 1704'. IP 1 BOP. Spar Mt.,
top 1652', acid & frac. Pinkstaff East.

4N-12W

- 32, C W/2 NE SW. Heath Oil Prod. #2-D Stoltz-Middagh Unit. Spd.
12-2-75. Comp. 4-6-76. TD 3075'. IP 8 BOP. Devonian, top
2939', frac. Lawrence.

LAWRENCE COUNTY (continued)

4N-13W

Irr. 12, 660'SL, 700'WL, NW NE. Wayne Smith, Operator, Inc. #W-539
Gray-Piper Comm. Spd. 1-14-75. Comp. 5-30-75 (est.) TD 1735'.
Water input. Jackson, top 1319', Cypress, top 1368'.
Lawrence.

Irr. 23, 990'SL, 660'WL, SW. Schlensker Drilling Corp. #1 Clair
Piper et al. Spd. 11-15-75. Comp. 11-19-75. TD 1780'. D&A.
Barlow, top 1769. WN - Lawrence.

24, NE SW SW. C. E. R. Production Co. #1 C. Miller. OWWO & OWDD.
Was E. F. Moran, Inc #1 F. B. Gosnell. Was D&A, OTD 1779'. Comp.
4-28-63. Recomp. 3-9-76. DTD 3490'. IP 4 BOP. McClosky,
top 1879. Lawrence.

36, NE SE NW. Don W. Slater #1 John Cassil. Spd. 11-15-75. Comp.
4-1-76. TD 3390'. IP 10 BOP. McClosky, top 1967', acid.
Lawrence.

McDONOUGH COUNTY

4N-4W

12, 330'NL, 385'WL, SE. Gilbert Shaw #1 Fowler. Abd loc. WN -
Colmar-Plymouth.

McLEAN COUNTY

26N-2E

25, 66'NL, 100'WL, SE SW. Northern Ill. Gas Co. #7 H. Hitch. Abd.
loc.

MACON COUNTY

16N-1E

36, NE SE SW. W. A. Corley #2 Allie R. Hill. Spd. 4-3-76. Comp.
4-8-76. TD 2163'. D&A. Silurian, top 2132'. Harristown South.

MADISON COUNTY

3N-5W

6, SW NE NW. C. E. Brehm Drlg. & Prod. #1-6 Mersinger. Spd. 1-30-76.
Comp. 2-6-76. TD 2700'. D&A. Trenton, top 2536'. WF

3N-6W

23, NE SE NE. Ego Oil Co., Inc. #1 Alvin Noll. Spd. 3-30-76. Comp.
4-5-76. TD 1900'. D&A. Silurian, top 1840'. WN - St. Jacob.

6N-6W

33, SE SE NE. Howard E. Cleff #8 Bononi. OWWO. Was S. B. Schenk
#5 Bononi. Was D&A. OTD 580'. Comp. 10-29-57. Recomp. 6-15-72.
COTD 585'. IP 1 BOP/10 BW. Pennsylvanian, top 575'.
Livingston South.

34, 330'SL, 300'WL, NW. Howard E. Cleff #1 Blom Water Well. Spd.
7-10-72. Comp. 7-15-72. TD 186'. WSW. Pennsylvanian, top 180'.
Livingston South.

MADISON COUNTY (continued)

6N-6W

- 34, SW SW NW. Howard E. Cleff #3 Blom. OWWO & OWOD. Was H. J. Frandsen #1 Blom. Was plugged Pennsylvanian Sand Producer. OTD 540'. Comp. 11-15-59. Recomp. 7-15-72. DTD 590'. IP $\frac{1}{2}$ BOP/8 BW. Pennsylvanian, top 580'. Livingston South.

MARION COUNTY

1N-1E

- 3, NE NW NE. Elmer Oelze Jr. #1 Arkilmo Comm. Spd. 11-22-75. Comp. 12-10-75. TD 905'. Oil well, IP not available. Pennsylvanian, top 790', frac. Central City.
- 8, NW NE NE. Elmer Oelze, Jr. #1 City of Centralia. Spd. 11-24-75. Comp. 11-28-75. TD 899'. Oil well, IP not available. Pennsylvanian, top 860', frac. Central City.

1N-2E

- Irr. 5, 700'SL, 1135'WL, SW. #2 Salem Unit Tract 176-178 (Johnson-Hawkins). Conversion. Was Devonian producer. Comp. 4-19-76. COTD 3412'. Water input. Devonian, top 3357'. Salem Consol.
- Irr. 6, 744'SL, 330'WL, SE SE. Texaco Inc. #32 Salem Unit O/A Tract 178 (O. E. Johnson "B"). Conversion. Was Devonian producer. Comp. 4-17-76. COTD 3418'. Water input. Devonian, top 3321'. Salem Consol.

2N-2E

- 28, 298'SL, 276'WL, NW NW. Texaco Inc. #53 Salem Unit O/A Tract 46 (J. H. Young). Conversion. Was Magnolia Petroleum Co. #53 J. H. Young. Was McClosky producer deepened to St. Louis producer. Comp. 4-12-76. COTD 2602'. Water input. McClosky, top 1990'. Salem Consol.
- 33, 380'SL, 380'EL, SW NW. Texaco Inc. #11 Salem Unit O/A Tract 107 (Shereshoveck). Conversion. Was Devonian producer converted to Aux Vases water input. Comp. 4-15-76. COTD 3506'. IP 44 BOP/623 BW. Devonian, top 3466'. Salem Consol.

2N-3E

- 29, NW SW SW. C. E. Brehm Drlg. & Prod. #1 Gaston. Spd. 5-15-75. Comp. 5-20-75. TD 2667'. D&A. McClosky, top 2648' (approx.) WF.

4N-3E

- 5, SW SE SE. C. E. Brehm Drlg. & Prod. #1 Harold Jones. Spd. 4-10-75. Comp. 4-12-75. TD 2247'. D&A. Ste. Genevieve, top 2108'. WF.

MORGAN COUNTY

16N-13W

- 13, NW NE SW. Dean Sutton #1 Kleinschmidt. Spd. 4-7-76. Comp. 4-7-76. TD 825'. D&A. Trenton, top 752'. WF.

RANDOLPH COUNTY

4S-6W

12, 400'SL, 330'EL, NW. Homeier Oil Ent., Inc. #1 Virgil Hoffman.
Spd. 4-1-76. Comp. 4-9-76. TD 2135'. D&A. Silurian, top
2036'. Tilden North.

SALINE COUNTY

7S-6E

34, NW SE SW. C. E. Brehm Drlg. & Prod. #1 Cable. Spd. 3-18-76.
Comp. 3-24-76. TD 3132'. D&A. McClosky, top 3085'. WN - Long
Branch South.

SANGAMON COUNTY

15N-2W

Irr. 5, 660'SL, 330'WL, NW NW. John Carey Oil Co. #1 Strawkas. Spd.
2-18-76. Comp. 2-22-76. TD 1840'. D&A. Silurian, top 1780'.
WN - Roby East.

Irr. 6, 330'NL, 330'WL, SW NE. John Carey Oil Co., Inc. #1-C Gary
Hawk. Spd. 3-24-76. Comp. 3-28-76. TD 1820'. D&A. Silurian,
top 1772'. Roby East.

16N-2W

24, NW NW SE. John Carey Oil Co., #1 Whitten. Spd. 2-24-76. Comp.
2-28-76. TD 1860'. D&A. Silurian, top 1781'. WF.

WABASH COUNTY

1N-12W

22, 330'SL, 980'EL, NE NW. N. A. Baldrige #2 Smith. Spd. 2-14-76.
Comp. 3-29-76. TD 2921'. IP 4 BOP/40 BW. Cypress, top 2160',
Spar Mt., top 2355', mca. Allendale.

1N-13W

32, SW SW NW. Southern Triangle Oil Co. #1 Leland Stoltz. Spd.
2-29-76. Comp. 4-13-76. TD 2774'. IP 10 BOP. Ohara, top
2764', mca & acid. New Harmony Consol.

1S-12W

Irr. 7, 330'SL, 330'WL, NW. Andy G. Hocking #2 Kieffer et al. Comm.
Spd. 3-26-76. Comp. 3-29-76. TD 1701. D&A. Biehl, top 1614'.
Mt. Carmel.

2S-14W

25, 510'NL, 430'WL, NE SE. Ill. Mid-Cont. Co. & Dee Drlg Co. - J.
Roy Dee #1-A Arthur Kurtz. Spd. 4-12-76. Comp. 4-17-76. TD
2150'. D&A. Tar Springs, top 2095' (approx.) New Harmony
Consol.

WASHINGTON COUNTY

1S-4W

8, NW NE NE. Ego Oil Co., Inc. #2 Henry Baehr. Spd. 5-9-75. Comp.
5-11-75. TD 985'. D&A. Ridenhower, top 967'. Okawville North
Consol.

WAYNE COUNTY1N-5E

Irr. 18, 330'SL, 340'EL, NE SW. Ego Oil Co., #1 L. Slover et al.
Spd. 4-8-75. Comp. 4-16-75. TD 3038'. D&A. St. Louis, top
3019'. Orchardville North.

1N-7E

26, SW NW SW. Harris Oil Co. #1 E. C. Brach. Spd. 5-15-75. Comp.
6-16-75. TD 3145'. IP 3 BOP/23 BW. Aux Vases, top 2995', frac.,
Spar Mt., top 3070', acid. Clay City Consol.

1N-8E

15, SW NW SW. Republic Oil Co., Inc. #2 Walker. Spd. 4-6-76. Comp.
4-16-76. TD 3800'. D&A. Ullin, top 3750' (approx.) Clay City
Consol.

16, NW NE SE. Republic Oil Co., Inc. #2-A Laird. Spd. 2-2-76. Comp.
4-1-76 (est.) TD 3755'. IP 50 BOP/10 BW. Salem, top 3714',
acid. Clay City Consol.

16-6E

Irr. 4, 660'SL, 330'EL, SW SW. Perry Fulk #1 O. Weaver. Spd. 4-8-76.
Comp. 4-16-76. TD 4013'. D&A. Ullin, top 3845'. Johnsonville
Consol.

Irr. 5, 660'SL, 330'EL, SE. Perry Fulk #1 Oldham. Spd. 3-26-76.
Comp. 4-4-76. TD 3918'. D&A. Salem, top 3567'. Johnsonville
Consol.

23, NW NW NE. Fletcher F. Farrar #1 Manahan. Spd. 3-1-76. Comp.
4-5-76. TD 3810'. IP 25 BOP/10 BW. Salem, top 3749', acid.
Johnsonville South.

1S-8E

15, SE SE NE. Van Fossan Associates #3 James Muncie. Spd. 1-23-76.
Comp. 3-24-76. TD 5145'. IP 32 BOP/50 BW. St. Louis, top 3406',
Warsaw, top 3910', mca & acid. Clay City Consol.

22, SE NE NE. Juniper Petroleum Corp. #42-22 Wylie. Spd. 2-4-76.
Comp. 3-29-76. TD 4040'. IP 32 BOP/120 BW. Salem, top 3620',
mca & acid. Clay City Consol.

3S-9E

2, NW SW SW. Farmers Petroleum Cooperative, Inc. #1 Michels-Racster
Comm. OWWO. Was P. J. McIntyre #1 Glenn Saxe. Was D&A, OTD
3411'. Comp. 8-22-56. Recomp. 4-5-76. COTD 3411'. IP 24.
BOP. Spar Mt., top 3338'. NEW PAY IN FIELD. EXTENSION
TO GOLDENGATE EAST FIELD.

WHITE COUNTY3S-9E

31, 465'NL, 330'WL, NW. Tamarack Petro. Co., Inc. #1 W. P. Newby.
Conversion. Was Floyd Henson #1 Newby. Was Aux Vases producer.
Comp. 4-5-76. COTD 3242' Water Input. Aux Vases, top
3214'. Mill Shoals

WHITE COUNTY (continued)4S-9E

- 21, SE SW NE. Absher Oil Co. #1 Jerry Williams. OWWO & OWDD. Was E. A. Obering #1 Arnold Williams. Was D&A (SO), OTD 3395'.
Comp. 6-24-60. Recomp. 4-13-76. DTD 4385'. IP 5 BOP/Tr wtr. Ullin, top 4120'. Sumpter North.

4S-11E

- Irr. 31, 330'NL, 990'EL, NE. Barger Engineering Inc. #15 H. Garner. Spd. 12-23-75. Comp. 4-13-76. TD 3048'. IP 60 BOP. Penn., top 1882', frac, Pal., top 2038', acid, Bethel, top 2818'.
Phillipstown Consol.

6S-8E

- 3, NE NW SW. C. E. Brehm Drlg. & Prod. #1 Benson. Spd. 3-22-76. Comp. 3-29-76. TD 3554'. D&A. St. Louis, top 3506'. WN - Enfield.
- 24, NW NW SE. J & R Oil Company #1-A Ivan Austin. Spd. 1-20-75. Comp. 4-20-76. TD 3129'. Temp. abd. McClosky, top 3072'. Roland Consol.

7S-8E

- 9, NW NE NE. Sun Oil Co. #1 Roland West Unit Tr. 9. Conversion. Was Aux Vases producer. Comp. 4-19-76. COTD 2965'. Water input. Cypress, top 2673', Aux Vases, top 2948'. Roland Consol.

7S-10E

- 10, SE NE NE. C. E. Brehm Drlg. & Prod. #1 Scates. Spd. 3-2-76. Comp. 3-8-76. TD 2940'. D&A. McClosky, top 2932'. Concord East Consol.

WILLIAMSON COUNTY8S-2E

- 12, 400'NL, 330'WL, NE SE. C. E. Brehm Drlg. & Prod. #2G Jeske. Spd. 1-20-76. Comp. 3-16-76. TD 2730'. IP $\frac{1}{2}$ BOP/2 BW. Bethel, top 2461', mca & frac. Stiritz.
- 33, 330'SL, 460'EL, NE SW. C. E. Brehm Drlg. & Prod. #1 Pike. Spd. 4-15-75. Comp. 4-21-75. TD 2611'. D&A. St. Louis, top 2580'. WN - Energy.

8S-3E

- 15, 850'SL, 450'EL, SE. C. E. Brehm Drlg. & Prod. #1 Mutual Oil and Gas. Spd. 4-31-75. Comp. 5-6-75. TD 2757'. IP 24 BOP/120 BW. Spar Mt., top 2718', acid. EXTENSION TO JOHNSTON CITY EAST FIELD.
- 30, 890' SL, 330'WL, SE. C. E. Brehm Drlg. & Prod. #1 White Ash. Spd. 4-8-75. Comp. 4-14-75. TD 2650'. D&A. McClosky, top 2625'. WF.

PRODUCING WELL PLUGGING RECEIVED BY SURVEY THROUGH APRIL 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

ADAMS COUNTY

36-18-5W 330'SL, 480'WL, SE. C. Arthur Beckman #1 Jesse Roberts. 655'.
4-19-76. Kellerville.

BROWN COUNTY

8-2S-4W, 330'NL, 330'EL, SW. Richard L. Moore #8 Robinson. 591'. 3-29-76.
Siloam.

CLARK COUNTY

13-9N-14W, 37'NL, 20'EL, SW NE SE. Froderman & Connelly #0-6 R. Bennett.
563'. 3-11-76. Martinsville.
22-9N-14W, 220'NL, 220'EL, SE NE. Pure Oil Co. #45 L. Weaver. (300A). 466'.
4-14-76. Johnson South.
22-9N-14W, 220'EL, 0'SL, NE SE NE. Pure Oil Co. #58 L. Weaver (300A). 462'.
4-12-76. Johnson South.
23-9N-14W, 220'NL, 0'EL, NW SW NW. Pure Oil Co. #47 L. Weaver (300A). 436'.
4-9-76. Johnson South.
23-9N-14W, 220'WL, 0'NL, SW SW NW. Pure Oil Co. #59 L. Weaver (300A). 447'.
4-11-76. Johnson South.
26-9N-14W, 270'NL, 300'EL, NW NE NW. Pure Oil Co. #24 J. P. Bennett. 514'.
1-16-76. Johnson South.
26-9N-14W, 275'SL, 300'EL, SW NE NW. Pure Oil Co. #25 J. P. Bennett. 515'.
1-18-76. Johnson South.

CLAY COUNTY

9-4N-7E, SE NE SE. Jet Oil Co. #1 Blair. 2850'. 4-13-76. Louisville North.
3-4N-7E, NW SW SE. Perry Fulk #1-A Bible-Smith Consol. 2598'. 2-26-76.
Sailor Springs Consol.
3-4N-7E, SE SW NE. Phoenix Production Co., Inc. #1 Bryant. 2842'. 3-22-76.
Sailor Springs Consol.
3-4N-7E, NW NE SE. Phoenix Production Co., Inc. #1 McCrackle-Bryant Comm.
2266'. 5-18-76. Sailor Springs Consol.
10-4N-7E, NE NW NE. Trans American Oil & Gas Co., Ltd. #4 McGary, formerly
R. H. Billingsley. 2890'. 3-17-76. Sailor Springs Consol.
9-5N-5E, NE SW NE. Tom Kiernan #5 Norbut. 2454'. 3-23-76. Iola Consol.
10-5N-5E, NE SE NE. Thomas M. Kiernan #3 A. Robinson, formerly Texas Co.
#2 J. Rose. 2431'. 2-25-76. Iola Consol.
10-5N-5E, NW SE NE. Texas Company #1 J. Rose. 2559'. 3-29-76. (Water input
formerly a producer.) Iola Consol.
35-5N-6E, SE NE SW. Denzil Webster #1 Roberts-Stanfield Comm. 2790'. 4-1-76.
Hord South Consol.
35-5N-6E, 940'SL, 330'WL, SE NW. Webster & Shirk #2 Nelson Zink. 2799'.
4-5-76. Hord South Consol.
35-5N-6E, SW NE NW. Webster & Shirk #3 Nelson Zink. 2787'. 3-19-76. Hord
South Consol.
35-5N-6E, 330'SL, 660'EL, NW. Webster & Shirk #4 Nelson Zink. 2889'.
3-17-76. Hord South Consol.
22-5N-7E, 330'NL, 660'EL, SW NE. J. B. Murvin #1 Murvin "C" Lease. 2521'.
4-14-76. Sailor Springs Consol.

COLES COUNTY

- 2-11N-7E, SW NW SW. Humble Oil & Refining Co. #4 Ruth Uphoff, formerly Carter Oil Co. 2041'. 4-9-76. (water input, formerly a producer.) Mattoon.
- 15-11N-7E, SE NE SE. Brand Oil Co. #1 Byrd F. Bresee. 3096'. 4-16-76. Mattoon.
- 20-14N-8E, NE NE NW. Ashland Oil & Refg. Co. #2 Hartford. 1883'. 4-6-76. Cooks Mills Consol.
- 30-14N-8E, 450'NL, 330'EL, NW. Harold C. Sanders #3 Mary D. Younger. 2066'. 4-5-76. Cooks Mills Consol.

CRAWFORD COUNTY

- 5-5N-12W, 1560'SL, 220'WL, NE. Ohio Oil Co. #7 C. E. Siler a/c 1. 952'. 3-28-71. (Gas input formerly a producer.) Main Consol.
- 11-7N-13W, NW/c SE NE SW. Ohio Oil Co. #9 J. W. Darrough. 979'. 10-27-72. Main Consol.
- 28-7N-13W, 330'NL, 330'WL, SE SW NW. Kewanee #1 Wertzberger. 918'. 6-27-75. Main Consol.
- 28-7N-13W, 660'NL, 350'EL, NW NW. Kewanee #4 Wertzberger. 1000'. 6-18-75. Main Consol.
- 28-7N-13W, 440'NL, 330'EL, NW NW. Kewanee #5 Wertzberger. 975'. 6-24-75. Main Consol.
- 28-7N-13W, 250'NL, 330'EL, SW NW. Kewanee #6 Wertzberger. 960'. 7-2-75. Main Consol.
- 30-7N-13W, 310'SL, 660'WL, SE NW. Mahutska #8 Reedy. 1013'6". 9-3-76. Main Consol.
- 13-7N-14W, 50'NL, 100'WL, NE NE SW. Ohio Oil Co. #3 James LaFever. 1007'. 5-10-75. Main Consol.

FAYETTE COUNTY

- 7-7N-3E, SW SE NE. Carter Oil Co. #4 O. E. Goodson. 1589'. 3-5-76. (Water input, formerly a producer.) Loudon.
- 7-7N-3E, 330'NL, 580'EL, NW NE. Carter Oil Co. #5 Lilly Mills. 1482'. 3-16-76. (Water input, formerly a producer.) Loudon.
- 17-7N-3E, SW NE NE. Carter Oil Co. #6-W Bennie Shaw. 1594'. 4-6-76. (Water input, formerly a producer.) Loudon.
- 18-7N-3E, NE NW SE. Carter Oil Co. #4 Emma McCormick. 1589'. 3-16-76. (Water input, formerly gas inj., formerly a producer.) Loudon.
- 15-8N-3E, 635'SL, 965'WL, SW SW NE. Carter Oil Co. #3 Ada Clow. 1545'. 3-16-76. Loudon.
- 23-8N-3E, SE SW NW. Carter Oil Co. #2 George Bauer. 1602'. 3-9-76. Loudon.
- 27-8N-3E, NW SW NE. Carter Oil Co. #4 H. O. Lewis. 1599'. 4-1-76. Loudon.
- 27-8N-3E, NE SE NW. Carter Oil Co. #5 H. O. Lewis. 1572'. 4-1-76. Loudon.

FRANKLIN COUNTY

- 25-6S-4E, NE SW NE. C. E. Brehm Drlg. & Prod. #3 U. S. Steel "C". 3191'. 3-13-76. (Water input, formerly a producer.) Akin.
- 25-6S-4E, SW SW NE. C. E. Brehm Drlg. & Prod. #4C U. S. Steel. 3159'. 3-10-76. (Water input, formerly a producer.) Akin.

GALLATIN COUNTY

- 22-7S-8E, 660'NL, 660'WL, NW. Carter Oil Co. #2 W. F. Edwards, formerly B. M. Heath. 2972'. 1-12-76. (Water input, formerly a producer.) Roland Consol.

GALLATIN COUNTY (continued)

22-SS-9E, SE SE 1/4. Alton O. Davis Petro., Inc. #1-1 Joseph Wargal, formerly M. J. Williams. 2525'. 3-25-76. (Water input, formerly a producer.)
Inman West Consol.

MARION COUNTY

33-1N-4E, NW NW SE. Perrine & Perrine #2 C. F. Eblin. 2850'. 3-8-76.
Exchange East.

RICHLAND COUNTY

18-4N-10E, NW NE NE. John M. Zanetis #1 Otis Crosby, formerly Affeld & Murvin. 3049'. 3-12-76. Clay City Consol.
35-5N-10E, NW SE SE. Bruce L. Henman #1 W. P. & A. H. Zimmerly. 3032'.
3-2-76. Olney Consol.

SCHUYLER COUNTY

17-2N-2W, 272'NL, 291'EL, SE SW. Thomas E. Koczan #2 Houston, formerly Robert Lichtenberger #1. 535'. 4-9-76. Rushville Northwest.

WASHINGTON COUNTY

22-3S-3W, NW NE NE. Magnolia Petro. Co. #3 S. Kurwicki. 1295'. 4-6-76.
(Water input, formerly a producer.) Cordes.

WAYNE COUNTY

5-1N-8E, 1698'NL, 1579'WL, NW. Pure Oil Co. #1 E. J. Feller. 3100'.
4-16-76. (Water input, formerly a producer.) Clay City Consol.
22-1S-6E, 667'SL, 330'WL, NE SW. Texas Co. #3 O. Warren, NCT-3, Tr. 2.
3212'. 4-7-76. (Dual Purpose: Water input and producer, formerly a producer.) Johnsonville Consol.
10-1S-7E, 330'NL, 680'WL, SW NW. Sanders-Fye Drlg. Co. #3 McNeely, formerly C. Graynon #1 Graynon-McNeely. 3252'. 3-18-76. Clay City Consol.
10-1S-7E, SW SE NW. Sanders-Fye Drlg. Co. #1 McNeely. 3252'. 3-16-76.
Clay City Consol.
10-1S-7E, SE SE NW. Sanders-Fye Drlg. Co. #5 McNely. 3252'. 3-16-76.
Clay City Consol.
10-1S-7E, NW SE NW. Sanders-Fye Drlg. Co. #2 G. E. McNely. 3241'. 3-13-76.
Clay City Consol.
1-1S-8E, 330'SL, 414'WL, NW. Pure Oil Co. #1 Hudson Consolidated. 3165'.
4-7-76. Clay City Consol.
5-3S-9E, NW NE NE. Tuley & Carter #3 Shelton. 3356'. 3-29-76. Goldengate Consol.
5-3S-9E, SE SE SE. Nation Oil Co. #1 Smothers-Stokes. 3470'. 3-10-76.
Goldengate Consol.
5-3S-9E, SW NW SE. Nation Oil Co. #2 Smother-Stokes. 3286'. 3-12-76.
Goldengate Consol.

WHITE COUNTY

19-3S-8E, 635'NL, 51'WL, NE SE. Johnson Bros. #1 A. J. Poorman. 3254'.
2-10-76. Mill Shoals.
31-3S-8E, NW NW NE. W. C. McBride, Inc. #4 Birdie Gray. 3315'. 3-23-76.
Mill Shoals
31-3S-8E, NW SE SW. Nation Oil Co. #2 McIntosh-Belva. 3259'. 3-19-76.
Mill Shoals.
12-6S-9E, SW NW NW. Exchange Oil Co. #13 S. A. Pearce. 2269'. 6-15-47.
Storms Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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72

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

None

Extensions to Fields

None

New Pay Zones in Fields

PHILLIPSTOWN CONSOLIDATED. White County, 7-4S-14W, St. Louis at 3110'.
Discovery well, Absher Oil Co. #12 Garfield Parson,
IP 3 BOP.

SAILOR SPRINGS CONSOLIDATED. Clay County, 35-4N-7E, Jackson at 2541'.
Discovery well, James C. Franklin #1 R. Franklin,
IP 240 BOP.

TABLE I

New Pools Discovered from June 1975 through May 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------|------|------|---------------------|------|------|
| <u>June 1975</u> | | | <u>December</u> | | |
| Vergennes: | | | None | | |
| Jackson | 7S | 2W | | | |
| <u>July</u> | | | <u>January 1976</u> | | |
| None | | | Oconee: | | |
| | | | Shelby | 10N | 1E |
| <u>August</u> | | | <u>February</u> | | |
| None | | | Harristown S: | | |
| | | | Macon | 16N | 1E |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | <u>New Dry Holes</u> | | | | <u>Production</u> | |
|-------------|---|---------------------------|---------------------------|--------------------------|----------------------|---------------------|-----------------------|-----|----------------------------|--------|
| | Field Wells | Discoveries Field Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near Far | Total New Tests | | Thousands of Barrels | |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 25,066 |

1976

| | | | | | | | | | | |
|------|-------|---|---|-------|---|----|----|---|-----|-------|
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,205 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,275 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through March 1976 are from reports received directly from crude gathering companies. The figures for April and May 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, May 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | OWWO D&A to Prod. | Service Wells | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|-----|----------------------------|---------------------|--------|-------------------------|
| | | | New Holes | | New | | Conversions Were | | |
| | | | Prod. | D&A | | | Prod. | Others | |
| Adams | 2 | - | - | - | - | - | - | - | - |
| Bond | 2 | 1 | - | 1 | - | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | 3 | 1 | - | 1 | - | - | - | - | - |
| Clark | - | 2 | 2 | - | - | - | - | - | - |
| Clay | 17 | 7 | 4 | 3 | - | - | - | - | - |
| Clinton | 2 | 2 | - | 1 | - | - | 1 | - | - |
| Coles | 1 | 1 | 1 | - | - | - | - | - | - |
| Crawford | 6 | 41 | 34 | 3 | - | - | - | - | 4 |
| Cumberland | 2 | - | - | - | - | - | - | - | - |
| Edgar | 4 | - | - | - | - | - | - | - | - |
| Edwards | 8 | 2 | 2 | - | - | - | - | - | - |
| Effingham | 1 | - | - | - | - | - | - | - | - |
| Fayette | 9 | 2 | 2 | - | - | - | - | - | - |
| Franklin | 3 | 1 | - | - | - | - | 1 | - | - |
| Gallatin | 3 | 1 | - | 1 | - | - | - | - | - |
| Hamilton | 5 | 3 | 1 | 2 | - | - | - | - | - |
| Jackson | - | 1 | - | 1 | - | - | - | - | - |
| Jasper | 3 | - | - | - | - | - | - | - | - |
| Jefferson | 3 | 1 | 1 | - | - | - | - | - | - |
| Lawrence | 7 | 14 | 2 | 1 | - | 11 | - | - | - |
| Macon | - | 1 | - | 1 | - | - | - | - | - |
| Madison | 1 | 3 | - | 2 | 1 | - | - | - | - |
| Marion | 6 | - | - | - | - | - | - | - | - |
| Richland | 5 | - | - | - | - | - | - | - | - |
| Saline | 2 | 2 | 2 | - | - | - | - | - | - |
| Sangamon | 1 | 1 | 1 | - | - | - | - | - | - |
| Shelby | - | 3 | 1 | 2 | - | - | - | - | - |
| Wabash | 11 | 8 | 2 | 6 | - | - | - | - | - |
| Washington | 4 | 2 | - | 2 | - | - | - | - | - |
| Wayne | 18 | 7 | 4 | 2 | - | - | 1 | - | - |
| White | 11 | 13 | 7 | 3 | 1 | - | 2 | - | - |
| Williamson | 1 | 2 | 1 | 1 | - | - | - | - | - |
| | 142 | 122 | 67 | 33 | 2 | 11 | 5 | - | 4 |

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Issued by Department of Mines and Minerals, Springfield, Illinois, April 30, 1976, through May 27, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, May 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | 1 | - | 1 | - | - | - |
| Douglas | - | 3 | - | 3 | - | - | - |
| Iroquois | 1 | - | - | - | - | - | - |
| Kankakee | 2 | 1 | - | - | - | - | 1 |
| McDonough | 2 | - | - | - | - | - | - |
| Will | - | 3 | 3* | - | - | - | - |
| | 7 | 8 | 3 | 4 | - | - | 1 |

*

LPG storage

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Issued by Department of Mines and Minerals, Springfield, Illinois, April 30, 1976, through May 27, 1976.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

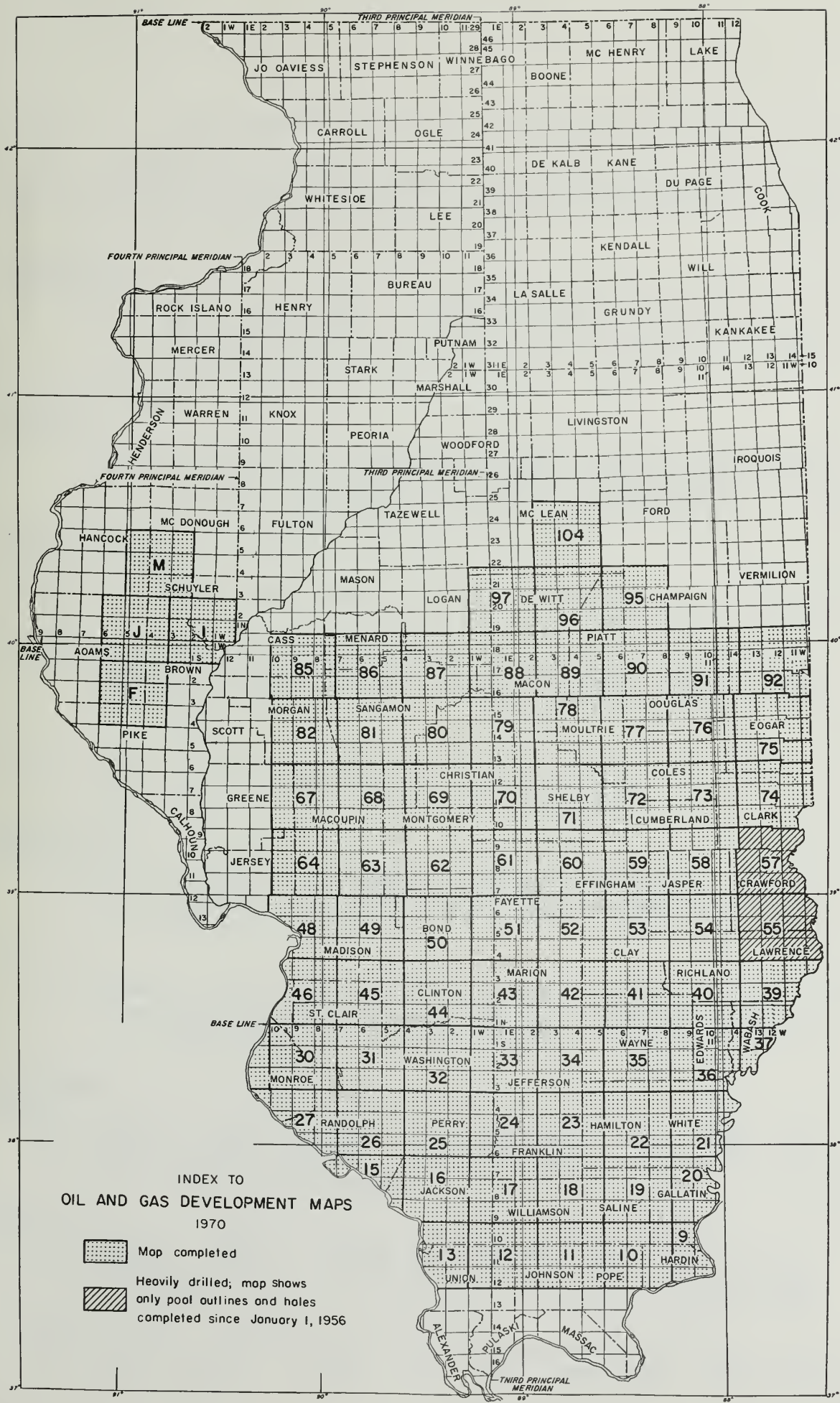
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.



BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970

-  Map completed
-  Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM MAY 1, 1976 TO MAY 28, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

6N, 4W

Irr. 6, 330'SL, 990'EL, SE. L. L. Tuck #1 McGibany-Cruthis Comm. Spd. 5-5-76. Comp. 5-10-76. TD 1905'. D&A. Devonian, top 1860'. Sorento West.

CHAMPAIGN COUNTY

17N, 8E

33, 1250'SL, 1300'EL, SE. Panhandle Eastern Pipe Line #1-33 Wilson. Spd. 9-20-72. Comp. 4-8-76. TD 4525'. Gas injection-withdrawal. Mt. Simon, top 4026'. Tuscola Gas Storage Field.

CHRISTIAN COUNTY

13N, 3W

50'NL, 250'WL, NW. Joe Simpkins Oil Dev. #1 Kincaid Unit Wtr. Supply. Abd loc.

15N, 2W

8, NW SE SE. James D. Jordan #1-J Matthews. Spd. 4-14-76. Comp. 4-17-76. TD 1885'. D&A. Silurian, top 1870' (approx.) Roby East.

16N, 1W

30, NW NE NW. John Carey Oil, Co. #1 Brya. Abd loc. WF.

CLARK COUNTY

9N, 14W

32, 380'SL, 330'WL, SE. James R. Eickberg #4 Maud Kimlin. Spd. 1-6-73. Comp. 5-11-76. TD 1215'. IP prod. NA. Aux Vases, top 1160'. Oak Point.

12N, 14W

33, SW SW SW. Kinst-Kovas Oil Producers #7 Katie Mitchell. Spd. 1-8-76. Comp. 4-16-76. TD 370'. IP 5 BOP. St. Louis, top 309', shot. Westfield.

CLAY COUNTY

2N, 8E

15, NE NE NE. Union Oil Co. of Calif. #1 Vancil Ullom. Spd. 4-5-76. Comp. 5-7-76. TD 3905'. IP 110 BOP/54. BW. McClosky, top 3062', acid. Clay City Consol.

3N, 7E

2, NW NE NE. James C. Franklin #1 D. Carder. Spd. 4-27-76. Comp. 5-11-76. TD 2640'. D&A. Cypress, top 2630'. Sailor Springs Consol.

34, SW NW SE. Crest Oil Co., Inc. #1 Cunningham Comm. Spd. 4-7-76. Comp. 4-20-76. TD 3609'. D&A. Salem, top 3297'. Sailor Springs Consol.

CLAY COUNTY (continued)

4N, 6E

- 20, NW SW SW. "K" Oil Inc. #2 Catholic Diocese of Belleville. Spd. 11-21-75. Comp. 4-1-76. TD 2824'. D&A (SO). McClosky, top 2805', acid. Louisville.

4N, 7E

- 35, SW SE SE. James C. Franklin #1 R. Franklin. Spd. 12-10-75. Comp. 4-27-76. TD 3490'. IP 240 BOP. Jackson, top 2541'. Sailor Springs Consol. NEW PAY IN FIELD.

- 36, SW NE NW. Woodrow Franklin #1 J. Franklin. Spd. 5-22-75. Comp. 8-3-75. TD 3088'. IP 45 BOP/O BW. Spar Mtn., top 2968', acid. Sailor Springs Consol.

4N, 8E

- Irr. 19, 330'SL, 330'WL, NW. McKinney Oil Prod. Inc. #1 Dale Stanley. Spd. 4-16-76. Comp. 5-9-76. TD 3007'. IP 23 BOP/10 BW. Spar Mtn., top 2978', acid. Sailor Springs North.

CLINTON COUNTY

1N, 4W

- Irr. 1, 400'NL, 330'WL, SW NE. Natural Gas Pipeline Co. of America. Conversion. Was E. A. Obering #5 Varel. Was Silurian producer. Comp. 5-7-76. COTD 2379'. IP SWD. Silurian, top 2357½'. Germantown East.

2N, 1W

- 13, SE NE NW. Elmer Oelze, Jr. #1 Thomas. Spd. 4-12-76. Comp. 4-17-76. TD 1440'. D&A. Cypress, top 1433'. Sandoval West.

COLES COUNTY

12N, 7E

- Irr. 2, 2310'SL, 1650'EL, SE. E. C. Reeves #2 Oliver. Spd. 3-29-76. Comp. 5-11-76. TD 1775'. IP 50 BOP. Cypress, top 1738', frac. Mattoon.

CRAWFORD COUNTY

5N, 13W

- 2, SE SE NW. Energy Resources of Indiana #2 Due Heirs. Abd loc. Main Consol.

6N, 12W

- 29, SE SE NE. Reiter Oil Development #1 John Weirich. Spd. 12-1-75. Comp. 5-7-76. TD. 1075'. D&A. Robinson, top 901'. Main Consol.

6N, 13W

- 15, 1159'SL, 215'WL, SW. Marathon Oil Co. #R-2 Bassom & Siler M-1. Spd. 6-5-75. Comp. 1-14-76. TD 945'. Oil well, IP NA. Robinson, top 896'. Main Consol.

- 15, 1159'SL, 545'WL, SW. Marathon Oil Co. #R-4 Bassom & Siler M-1. Spd. 6-7-75. Comp. 1-14-76. TD 950'. Oil well, IP NA. Robinson, top 905', nat. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 15, 1159'SL, 875'WL, SW. Marathon Oil Co. #R-6 Bassom & Siler M-1.
Spd. 2-21-75. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top 894'. Main Consol.
- 15, 1159'SL, 1205'WL, SW. Marathon Oil Co. #R-8 Bassom & Siler M-1.
Spd. 1-30-75. Comp. 1-14-76. TD 942'. Oil well, IP NA. Robinson, top 888', nat. Main Consol.
- 15, 2310'SL, 283'WL, SW. Marathon Oil Co. #RR-2 Bassom & Siler M-1.
Spd. 3-18-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top 919', nat. Main Consol.
- 15, 2310'SL, 750'WL, SW. Marathon Oil Co. #RR-4 Bassom & Siler M-1.
Spd. 3-11-75. Comp. 1-14-76. TD 950'. Oil well, IP NA. Robinson, top 906'. Main Consol.
- 15, 2310'SL, 1217'WL, SW. Marathon Oil Co. #RR-6 Bassom & Siler M-1.
Spd. 3-14-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top 960'. Main Consol.
- 15, 1489'SL, 237'WL, SW. Marathon Oil Co. #T-2 Bassom & Siler M-1.
Spd. 3-21-75. Comp. 1-14-76. TD 950'. Oil well, IP NA. Robinson, top 935', nat. Main Consol.
- 15, 1489'SL, 545'WL, SW. Marathon Oil Co. #T-4 Bassom & Siler M-1.
Spd. 2-28-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 905', nat. Main Consol.
- 15, 1489'SL, 875'WL, SW. Marathon Oil Co. #T-6 Bassom & Siler M-1.
Spd. 2-26-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 887', nat. Main Consol.
- 15, 1489'SL, 1205'WL, SW. Marathon Oil Co. #T-8 Bassom & Siler M-1.
Spd. 2-24-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 885.5'. Main Consol.
- 15, 1819'SL, 237'WL, SW. Marathon Oil Co. #V-2 Bassom & Siler M-1.
Spd. 3-8-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 899', nat. Main Consol.
- 15, 1819'SL, 545'WL, SW. Marathon Oil Co. #V-4 Bassom & Siler M-1.
Spd. 3-7-75. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top, 912', nat. Main Consol.
- 15, 1819'SL, 875'WL, SW. Marathon Oil Co. #V-6 Bassom & Siler M-1.
Spd. 2-25-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 908', nat. Main Consol.
- 15, 1819'SL, 1205'WL, SW. Marathon Oil Co. #V-8 Bassom & Siler M-1.
Spd. 2-14-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 909', nat. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- Irr. 15, 829'SL, 1535'WL, SW. Marathon Oil Co. #P-10 W. Mann M-1. Spd. 10-7-74. Comp. 1-14-76. TD 945'. Oil well, IP NA. Robinson, top, 874', shot, Main Consol.
- Irr. 15, 769'SL, 1865'WL, SW. Marathon Oil Co. #P-12 W. Mann M-1. Spd. 10-22-74. Comp. 1-14-76. TD 930'. Oil well, IP NA. Robinson, top, 864'. Main Consol.
- Irr. 15, 829'SL, 2195'WL, SW. Marathon Oil Co. #P-14 W. Mann M-1. Spd. 10-31-74. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top 874'. Main Consol.
- Irr. 15, 1144'SL, 1535'WL, SW. Marathon Oil Co. #R-10 W. Mann M-1. Spd. 1-6-75. Comp. 1-14-76. TD 940'. Oil well, IP NA. Robinson, top 879', shot. Main Consol.
- Irr. 15, 1179'SL, 1850'WL, SW. Marathon Oil Co. #R-12 W. Mann M-1. Spd. 4-18-75. Comp. 1-14-76. TD 930'. Oil well, IP NA. Robinson, top 861', nat. Main Consol.
- Irr. 15, 1159'SL, 2195'WL, SW. Marathon Oil Co. #R-14 W. Mann M-1. Spd. 10-24-74. Comp. 1-14-76. TD 925'. Oil well, IP NA. Robinson, top 877', shot. Main Consol.
- Irr. 15, 1489'SL, 1535'WL, SW. Marathon Oil Co. #T-10 W. Mann M-1. Spd. 11-13-74. Comp. 1-14-76. TD 945'. Oil well, IP NA. Robinson, top 870', shot. Main Consol.
- Irr. 15, 1489'SL, 1865'WL, SW. Marathon Oil Co. #T-12 W. Mann M-1. Spd. 2-4-75. Comp. 1-14-76. TD 944'. Oil well, IP NA. Robinson, top 877', nat. Main Consol.
- Irr. 15, 1489'SL, 2195'WL, SW. Marathon Oil Co. #T-14 W. Mann M-1. Spd. 10-28-74. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top 862', nat. Main Consol.
- Irr. 15, 1819'SL, 1535'WL, SW. Marathon Oil Co. #V-10 W. Mann M-1. Spd. 12-21-74. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top 872', shot. Main Consol.
- Irr. 15, 1819'SL, 1865'WL, SW. Marathon Oil Co. #V-12 W. Mann M-1. Spd. 12-6-74. Comp. 1-14-76. TD 936'. Oil well, IP NA. Robinson, top 874', nat. Main Consol.
- Irr. 15, 1819'SL, 2195'WL, SW. Marathon Oil Co. #V-14 W. Mann M-1. Spd. 12-17-74. Comp. 1-14-76. TD 935'. Oil well, IP NA. Robinson, top 864', shot. Main Consol.
- 15, 2310'SL, 1683'WL, SW. Marathon Oil Co. #RR-8 W. Mann M-1. Spd. 3-24-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top, 901', nat. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 15, 2310'SL, 2150'WL, SW. Marathon Oil Co. #RR-10 W. Mann M-1. Spd. 3-27-75. Comp. 1-14-76. TD 945'. Oil well, IP NA. Robinson, top 896', nat. Main Consol.
- 15, 2776'SL, 1683'WL, Sec. Marathon Oil Co. #TT-8 W. Mann M-1. Spd. 4-8-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top 916', nat. Main Consol.
- 15, 2772'SL, 2122'WL, Sec. Marathon Oil Co. #TT-10 W. Mann M-1. Spd. 4-10-75. Comp. 1-14-76. TD 930'. Oil well, IP NA. Robinson, top 898', nat. Main Consol.
- Irr. 15, 586'SL, 72'WL, SE SW. Marathon Oil Co. #G-I - 3 C. I. Weirich Mann Unit. Spd. 12-11-73. Comp. 12-15-73. TD 936'. Oil well, IP NA. Robinson, top 874', nat. Main Consol.
- 15, 2776'SL, 283'WL, Sec. Marathon Oil Co. #TT-2 A. Riker M-1. Spd. 3-13-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top 869', nat. Main Consol.
- 15, 2776'SL, 750'WL, Sec. Marathon Oil Co. #TT-4 A. Riker M-1. Spd. 3-31-75. Comp. 1-14-76. TD 960'. Oil well, IP NA. Robinson, top 912.5', nat. Main Consol.

7N, 11W

- 6, SE SE SE. "K" Oil, Inc. #1 B. Mehler. Spd. 5-5-76. Comp. 5-11-76. TD 2992'. D&A. Silurian, top 2972'. WF.

8N, 12W

- 33, SW SE SE. Runyon Oil Exploration, Inc. #1 Wm. Wyman. Spd. 5-4-76. Comp. 5-5-76. TD 1104'. D&A. Basal Penn Sand, top 1070'. Main Consol.

DOUGLAS COUNTY

16N, 8E

- Irr. 4, 100'NL 2680'EL, Sec. Panhandle East. Pipe Line #4-4 Bristow. Spd. 8-27-72. Comp. 4-19-76. TD 4495'. Gas injection-withdrawal. Mt. Simon, top 4030'. Tuscola Gas Storage Field.
- 9, 100'NL, 130'EL, NE. Panhandle East. Pipe Line #2-9 Bundy. Spd. 10-11-72. Comp. 4-27-76. TD 4545'. Gas injection-withdrawal. Mt. Simon, top 4076'. Tuscola Gas Storage Field.
- 9, 1320'NL, 1200'EL, NE. Panhandle East. Pipe Line #3-9 Bundy. Spd. 9-8-72. Comp. 4-23-76. TD 4530'. Gas injection-withdrawal. Mt. Simon, top 4057'. Tuscola Gas Storage Field.

EDWARDS COUNTY

1S, 14W

- 4, NE NE SW. Louis A. Pessina #1 Fewkes Comm. Spd. 4-5-76. Comp. 5-10-76. TD 3630'. IP 1 BOP/5 BW. Ohara, top 3007', acid. Bone Gap East.

EDWARDS COUNTY (continued)

1S, 14W

- 4, 450'NL, 330'EL, SW NE. Louis A. Pessina #3 Robert Koertge. Spd.
3-19-76. Comp. 5-2-76. TD 3565'. IP 16 BOP/some water. Salem,
top 3556', acid. Bone Gap East.

FAYETTE COUNTY

9N, 3E

- 35, 330'SL, 380'EL, NE SW. James A. Southerland #1 Anderson. Spd.
1-19-76. Comp. 5-11-76. TD 1638'. IP 100 BOP. Benoist, top
1610', frac. Loudon.
- 35, NW NE SE. Texill Energy Corp. #2 Mary Baker. OWDD. Was Carter
Oil Co. Cypress prod. OTD 1543. Comp. 10-15-40. Reacomp. 5-4-76.
DTD 1658'. IP 100 BOP. Bethel, top 1610', mca & frac.
Louden.
- 35, SE NW SE. Time Oil Inc. #1 Slifer. Spd. 1-21-76. Comp. 5-11-76.
TD 1658'. IP 150 BOP. Bethel, top 1586', frac. Loudon.

FRANKLIN COUNTY

6S, 4E

- 36, NE NE NW. C. E. Brehm Drlg. & Prod. #C-3 Pulverman. Abd loc.
Akin.

7S, 3E

- 19, 305'NL, 305'EL, NW SE. Killion & McClement Oil Prod. #Y-1 South
West Frankfort Unit. Conversion. Was Farrar Drilling Co. #1A
Lutheran Church. Was Tar Springs producer. Comp. 4-23-76.
COTD 2081'. Water input. Tar Springs, top 2057'.
West Frankfort Consol.

GALLATIN COUNTY

8S, 10E

- 4, SE SE SE. George N. Mitchell Drlg. Contractor #1 Crawford. Spd.
4-23-76. Comp. 5-11-76. TD 2795'. D&A. Ste. Genevieve, top
2764'. Inman East Consol.

HAMILTON COUNTY

4S, 7E

- 16, C E/2 SE SE. C. E. Brehm Drlg. & Prod. #4 Springer. Spd. 5-29-75.
Comp. 6-5-75. TD 3510'. D&A. McClosky, top 3444'. Bungay Consol.

7S, 5E

- 6, 330'NL, 350'WL, NE. C. E. Brehm Drlg. & Prod. #1 McCoy. Spd.
5-29-75. Comp. 5-4-76. TD 3291'. IP 170 BOP/some water. Aux
Vases, top 3229'. Dale Consol.
- 6, SE NW NE. C. E. Brehm Drlg. & Prod. #2 McCoy. Spd. 8-18-75. Comp.
8-26-75. TD 3313'. D&A. Ste. Genevieve, top 3300'. Dale Consol.

JACKSON COUNTY

7S, 1W

- 27, NW SW NE. H.A.V.E. Oil Co. #7-B Jackson County Coal. Spd. 8-1-75.
Comp. 1-16-76. TD 3725'. D&A. Devonian, top 3739'. Elkville.

JEFFERSON COUNTY

3S, 3E

Irr. 6, 380'NL, 2550'WL, SW. Albert Gentles #2 Gee. Spd. 3-1-76.
Comp. 4-19-76. TD 2823'. IP 25 BOP. McClosky, top 2780', nat.
Mt. Vernon.

KANKAKEE COUNTY

29N, 10E

Irr. 4, 5'SL, 15'EL, NW. Natural Gas Pipeline Co. of America #0-2
Schultz. OWDD. Was Natural Gas Storage Co. #2-0 Schultz. Was
Galena Observation Well. OTD 286'. Comp. 9-30-58. Recom.
11-24-74. DTD 1068'. Gas storage observation. Prairie
du Chien, top 720'. Herscher Gas Storage Field.

LAWRENCE COUNTY

2N, 11W

Irr. 8, 990'NL, 1770'EL, NE. William C. Padgett #4 William Garvey.
Spd. 12-20-74. Comp. 5-15-75. TD 1822'. IP 3 BOP/3 BW. Aux
Vases, top 1783', nat. Lawrence.

3N, 12W

17, SE SE SW. Televest Exploration, Inc. #2 Rogers Heirs. Spd. 8-1-75.
Comp. 4-27-76. TD 2185'. D&A. St. Louis, top 2048'. Lawrence.

3N, 13W

14, NW SW NE. Reinhold Oil Producers #1 Johnston-Spencer Comm. Spd.
3-1-76. Comp. 4-21-76. TD 2262'. IP 43 BOP. Benoist, top
2088', frac. Lawrence West.

4N, 12W

30, 660'NL, 50'WL, SE NE. Marathon Oil Co. #QB-24 W. R. Crackle A/C 1.
Spd. 1-20-76. Comp. 4-15-76 est. TD 1040'. Water input. Bridge-
port, top 761'. Lawrence.

30, 20'SL, 50'WL, SW NE. Marathon Oil Co. #QB-25 W. R. Crackle A/C 1.
Spd. 1-15-76. Comp. 3-29-76 est. TD 1085'. Water input. Bridge-
port, top 751'. Lawrence.

30, 20'NL, 660'WL, SE NE. Marathon Oil Co. #RB-23 W. R. Crackle A/C 1.
Spd. 1-28-76. Comp. 4-14-76 est. TD 991'. Water input. Bridge-
port, top 781'. Lawrence.

30, 10'NL, 640'EL, NW SE. Marathon Oil Co. #PB-25 R. L. Fitch. Spd.
2-9-76. Comp. 4-15-76 est. TD 936'. Water input. Bridgeport,
top 772'. Lawrence.

30, C NW SE. Marathon Oil Co. #PB-26 R. L. Fitch. Spd. 2-5-76.
Comp. 4-5-76 est. TD 942'. Water input. Bridgeport, top 846'.
Lawrence.

30, 660'NL, 53'WL, NE NE. Marathon Oil Co. #QB-22 G. L. Miller. Spd.
1-27-76. Comp. 4-1-76 est. TD 1024'. Water input. Bridgeport,
top 783'. Lawrence.

LAWRENCE COUNTY (continued)

4N, 12W

- 30, 0'NL, 50'WL, SE NE. Marathon Oil Co. #QB-23 G. L. Miller. Spd. 1-23-76. Comp. 4-26-76 est. TD 1042'. Water input. Bridgeport, top 803'. Lawrence.
- 30, 15'NL, 645'WL, NE SE. Marathon Oil Co. #RB-25 C. Stallings. Spd. 1-30-76. Comp. 4-28-76 est. TD 1052'. Water input. Bridgeport, top 803'. Lawrence.
- 30, 10'NL, 640'WL, SE SE. Marathon Oil Co. #RB-27 L. D. Sutton. Spd. 2-10-76. Comp. 5-2-76 est. TD 1098'. Water input. Bridgeport, top 827'. Lawrence.
- 30, 5'NL, 25'EL, SE SE. Marathon Oil Co. #SB-27 L. D. Sutton. Spd. 2-12-76. Comp. 5-1-76 est. TD 1085'. Water input. Bridgeport, top 902'. Lawrence.
- 30, 8'SL, 70'EL, NW SE. Marathon Oil Co. #QB-27 C. Willey. Spd. 2-3-76. Comp. 5-1-76 est. TD 1061'. Water input. Bridgeport, top 967'. Lawrence.

MACON COUNTY

15N, 1E

- 6, C W/2 SE SE. Comanche Oil Corp #1 Usinger. Spd. 12-7-75. Comp. 5-4-76. TD 1945'. D&A (SO). Silurian, top 1916'. Blackland.

MADISON COUNTY

5N, 8W

- 19, NE NE SE. Carl Wilson Henke #1. Spd. 1-16-76. Comp. 4-16-76. TD 1718'. D&A. Trenton, top 1690'. WF.

6N, 6W

- 17, 900'SL, 35'WL, NW. Vey-Nis Oil & Prod. #1 W. I. Hunecke. Spd. 8-28-73. Comp. 8-29-73. TD 280'. D&A. Pennsylvanian, top 260'. Livingston.
- Irr. 17, 1730'SL, 962'EL, SW NW. Vey-Nis Oil & Prod., Inc. #3 Hunecke. OWWO. Was Carline Wilson #10 Hunecke. Was plugged Pennsylvanian producer. OTD 573'. Comp. 6-57. Recomp. 10-74. COTD 568'. IP temp. abd. Pennsylvanian, top 550'. Livingston.
- Irr. 17, 1780'SL, 654'EL, SW NW. Vey-Nis Oil & Prod., Inc. OWWO-Conv. Was Carline Wilson #1 Hunecke. Was Pennsylvanian Salt Water Disposal Well. OTD 572'. Comp. 4-57. Recomp. 10-74. TD 571'. IP 2 BOP. Pennsylvanian, top 550'. Livingston.
- Irr. 17, 495'SL, 670'EL, SW NW. Vey-Nis Oil & Prod., Inc. #5 Hunecke. OWWO. Was Carline Wilson #8 Hunecke. Was plugged Pennsylvanian producer. OTD 575'. Comp. 12-11-56. Recomp. 10-74. COTD 569'. IP temp. abd. Pennsylvanian, top 550'. Livingston.

SALINE COUNTY

8S, 5E

25, C W/2 SW NW. Duke Resources Corp. #1 Meler. Spd. 1-8-76. Comp. 4-26-76. TD 2886'. IP 11 EOP/5 BW. Ohara, top 2883', acid. Harco East.

8S, 6E

15, 330'NL, 680'WL, NW. Pacific Exploration Corp. #1 Guest. Spd. 10-30-75. Comp. 4-26-76. TD 3003'. IP 45 BOP/tr. wtr. Aux Vases, top 2952', mca & frac. Raleigh.

SANGAMON COUNTY

15N, 2W

Irr. 6, 2310'SL, 330'WL, NE. John Carey Oil Co. #2-A Roscoe Darnall Trust. Spd. 3-11-76. Comp. 5-11-76. TD 1810'. IP 68 BOP/200 BW. Silurian, top 1762', acid & frac. Roby East.

SHELLEY COUNTY

10N, 1E

20, SW NE SW. Energy Resources of Indiana #2 Vincent Sommer (E). Spd. 12-29-75. Comp. 3-1-76. TD 2863'. IP 7 BOP/8 BW. Devonian, top 2840', acid. Oconee.

10N, 2E

7, SW NW SW. Energy Resources of Indiana #1 Frances Mathewson. Spd. 7-21-75. Comp. 5-11-76. TD 3126'. D&A. Silurian, top 3048'. WF.

7, 330'NL, 1040'WL, SW. Energy Resources of Indiana #2 Frances Mathewson. Spd. 1-27-76. Comp. 5-11-76. TD 2947'. D&A. Devonian, top 2912'. WF.

10N, 4E

17, SW NE NW. Schaefer Oil Co. #3 Flenner. Abd loc. Clarksburg.

WABASH COUNTY

1N, 12W

4, NE SE NE. Gilbert A Higgins #1 Olive Brooks. Spd. 4-6-76. Comp. 5-12-76. TD 1540'. IP 6 BOP. Biehl, top 1519', shot. Allendale.

4, SE SE NE. Gilbert A. Higgins #2 Olive Brooks. Spd. 4-10-76. Comp. 5-4-76. TD 1540'. IP 45 BOP. Biehl, top 1526'. Allendale.

4, SW SE NE. Gilbert A. Higgins #4 Olive Brooks. Spd. 4-23-76. Comp. 4-26-76. TD 1577'. D&A. Biehl, top 1559'. Allendale.

14, 300'SL, 990'EL, NE. Bernard Beuligmann & Kieffer Brothers #1 Price et al. Comm. Spd. 5-10-76. Comp. 5-16-76. TD 2303'. D&A. Ste. Genevieve, top 2266' (approx.) Allendale.

1N, 13W

21, 360'NL, 700'EL, SE. Spartan Petroleum Co. #1 Alvin Seibert. Spd. 4-21-76. Comp. 5-11-76. TD 3376. D&A. Salem, top 3088'. Lancaster South.

WABASH COUNTY (continued)

2N, 12W

36, SW SW SW. Steve Tomko #1-A Diver (Courtney-Ken-Kris). Spd.
3-20-76. Comp. 3-30-76. TD 2160'. D&A. Ohara, top 2124'.
Allendale.

1S, 13W

12, SW SE NE. Spartan Petroleum Co. #2 Theodore Haase et al. Comm.
Spd. 4-30-76. Comp. 5-5-76. TD 2517'. D&A. Stegen, top 2455'.
Mt. Carmel.

12, SE NW NE. Spartan Petroleum Co. #1 Hudgins "B" Unit. Abd loc.
Mt. Carmel.

2S, 13W

9, 330'SL, 380'EL, SW SE. Gilbert A. Higgins #1 Williams Heirs. Spd.
5-5-76. Comp. 5-12-76. TD 2808'. D&A. McClosky, top 2795'
(approx.) New Harmony Consol.

WASHINGTON COUNTY

1N, 1W

25, NE SW NE. Harold Beal #1 Beal. Spd. 4-5-76. Comp. 4-14-76. TD
800'. D&A. Pennsylvanian, top NA. Wamac.

2S, 4W

30, SW SE NE. C. E. Brehm Drlg. & Prod. #1 Steinkamp. Spd. 6-30-75.
Comp. 5-4-76. TD 1510'. D&A. Ste. Genevieve, top 1205'. WN-
Elkton.

WAYNE COUNTY

1N, 8E

23, SW NW SE. Republic Oil Co., Inc. #1-A M. Powell. Conv. Was
Ewald Skowron #1A M. Powell. Was Aux Vases producer. Comp.
1-30-75. COTD 2970'. IP SWD. Aux Vases, top 2950'. Clay
City Consol.

2N, 7E

23, C E/2 NE NE. John M. Zanetis #4 Broyles. Spd. 3-4-76. Comp.
5-11-76. TD 3700'. IP 35 BOP. Salem, top 3540', mca & frac.
Clay City Consol.

1S, 6E

Irr. 4, 660'SL, 330'WL, NE SW. Van Fossan Associates #3 Brandon Oldham.
Spd. 5-4-76. Comp. 5-31-76. TD 3890'. D&A. Salem, top 3565'
(approx.) Johnsonville Consol.

14, NW SW SE. Booth Oil Co. #1 Fred Fansler. Spd. 3-19-76. Comp.
4-21-76. TD 3794'. IP 121 BOP/90 BW. Salem, top 3746', mca &
acid. Johnsonville South.

1S, 8E

11, SE SE SW. Hobson Oil Co. #4 Wylie. Spd. 3-1-76. Comp. 4-16-76.
TD 3865'. IP 23 BOP/12 BW. Salem, top 3706', acid. Clay City
Consol.

WAYNE COUNTY (continued)

1S, 8E

15, SE NW SW. Bernard Podolsky #3 O. H. Gray "A". Spd. 3-29-76. Comp. 5-2-76. TD 3850'. IP 30 BOP/15 BW. Salem, top 3802', acid. Clay City Consol.

1S, 9E

8, SE NE SW. Felix Frassato #1 Leonard Cunningham. Spd. 4-10-76. Comp. 4-13-76. TD 3413'. D&A. McClosky, top 3353'. Locust Grove South.

WHITE COUNTY

3S, 14W

29, NE NE NW. Fisk & Fisk Oil Producers #4 E. H. Morris Fee. Spd. 4-26-76. Comp 5-19-76. TD 3013'. IP 20 BOP/200 BW. Cypress, top 2731', nat. Phillipstown Consol.

4S, 9E

25, SW SE SW. Coy Oil Inc. #7 Rebstock. Spd. 3-8-76. Comp. 3-17-76. TD 2910'. D&A. Cypress, top 2900'. Sumpter.

4S, 11E

Fr. 30, NW NE SW. Phillips Pet. Co. #3 Phillipstown Unit. OWWO. Was Bethel producer, converted to Bethel water input. Comp. 10-10-75. COTD 1817'. Water input. Pennsylvanian, top 776'. Phillips-town Consol.

4S, 14W

Irr. 4, 330'NL, 370'WL, NW. Gilbert A. Higgins #6-A O. R. Evans. Spd. 3-27-76. Comp. 4-11-76. TD 1854'. IP 8 BOP/0 BW. Biehl, top 1847', nat. New Harmony Consol.

Irr. 4, 967'NL, 1190'WL, NW. Gilbert A. Higgins #22 O. R. Evans. OWWO-OWDD. Was Getty Oil Co. Was D&A, OTD 3600'. Comp. 5-20-75. Recom. 5-12-76. DTD 3833'. IP 35 BOP. Ullin, top 3782', acid. New Harmony Consol.

Irr. 7, 330'SL, 495'WL, SW. Absher Oil Co. #12 Garfield Parson. Spd. 3-6-76. Comp 4-20-76. TD 3150'. IP 3 BOP. St. Louis, top 3110', acid. Phillipstown Consol. NEW PAY IN FIELD.

Irr. 18, 330'NL, 362'WL, NW. William R. & Phyllis Becker #2 W. R. Becker. Spd. 3-21-76. Comp 4-5-76. TD 3160'. IP 20 BOP. McClosky, top 3090', acid. Phillipstown Consol.

27, 330'SL, 1035'EL, SW. The Superior Oil Co. #C-9 H. C. Ford et al. Conversion. Was McClosky producer. Comp. 4-30-76. COTD 2954'. Water input. McClosky, top 2876'. New Harmony Consol.

34, 990'NL, 500'WL, NW. The Superior Oil Co. #21 H. C. Ford et al. "D". Spd. 1-21-76. Comp. 4-27-76. TD 3400'. IP 47 BOP/427 BW. Ohara, top 2893', mca. Spar Mtn, top 2953', mca, McClosky, top 2984', mca, St. Louis, top 3049', mca. New Harmony Consol.

WHITE COUNTY (continued)

4S, 14W

34, 830'SL, 330'EL, NE. The Superior Oil Co. #E-5 H. C. Ford et al.
Spd. 3-19-76. Comp. 5-11-76. TD 3410'. IP 455 BOP/9 BW. Ohara,
top 2904', acid. New Harmony Consol.

5S, 8E

19, NE SE NE. J. D. Turner #2 Mary Abell Comm. Spd. 4-19-76. Comp.
5-11-76. TD 3349'. D&A (SO). Aux Vases, top 3321'. Enfield.

5S, 9E

29, 360'SL, 360'WL, NE NE. R. O. Wilson II #1 J. L. Clark. Spd.
4-6-76. Comp. 4-9-76. TD 793'. D&A. Pennsylvanian, top 780'.
WN-Roland Consol.

6S, 8E

13, SW NW SW. Spartan Petroleum Co. #1-SWD Kisner Heirs. Conversion.
Was Cypress and McClosky producer. Comp. 4-20-76. COTD 2734'.
IP SWD. Cypress, top 2691'. Roland Consol.

7S, 11E

20, 990'SL, 1425'WL, NW. C. E. Brehm Drlg. & Prod #2 Rowe - Curtis.
Spd. 6-23-75. Comp. 6-30-75. TD 2782'. IP 19 BOP/some water.
Aux Vases, top 2745', mca & frac. New Haven Consol.

WILLIAMSON COUNTY

8S, 2E

25, SW NW SE. C. E. Brehm Drlg. & Prod. #A-2 Peabody. Spd 6-3-75.
Comp. 10-21-75. TD 2598'. D&A. McClosky, top 2570'. WN-White-
ash.

8S, 3E

7, 400'SL, 580'WL, NW SW. C. E. Brehm Drlg. & Prod. #1F Marrs. Spd.
6-12-75. Comp. 7-1-75 est. TD 2756'. IP 11 BOP/some water.
Aux Vases, top 2604', nat. Stiritz.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MAY 1975

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

BOND COUNTY

9-6N-2W, SE SE SE. Goose Creek Oil Co. #4 Nilson, formerly Murvin & Stever, originally Dale Hopkins. 1064'. 5-13-76. (Water input, formerly a producer.) Woburn Consol.
10-6N-2W, SW SW SW. Dale Hopkins #1 Nilson. 888'. 5-11-76. Woburn Consol.

CLARK COUNTY

23-9N-14W, 220'NL, 220'WL, SW NW. Pure Oil Co. #46 L. Weaver (300A). 448'. 4-15-76. Johnson South.
27-9N-14W, 190'NL, 245'WL, NE NE. Pure Oil Co. #50 M. E. Larrison. 568'. 4-27-76. Johnson South.

CLAY COUNTY

20-4N-6E, SE SE SE. Tom Kiernan #1 Schoonover. 2895'. 4-28-76. Louisville.
29-5N-8E, NW SE SW. Charles H. Stephens #1 Harold Bahl. 3012'. 5-13-76. Sailor Springs Consol.

COLES COUNTY

27-12N-7E, 380'NL, 330'EL, NW NE. N. A. Baldridge #1 Wallace-Hill. 3134'. 4-13-76. Mattoon.
20-14N-8E, NE NW NW. Schaefer Oil Co. #3 W. R. Hartford, formerly Ashland Oil and Refining Co. 1816'. 4-7-76. (Water input, formerly a producer.) Cooks Mills Consol.

CRAWFORD COUNTY

18-7N-13W, 990'SL, 375'EL, SW. Tidewater Oil Co. #17 R. M. Clark. 950'. 5-10-76. Main Consol.
18-7N-13W, 990'SL, 585'WL, SW. Tide Water Assoc. Oil Co. #A-15 R. M. Clark. 990'. 5-13-76. (Water input, formerly a producer.) Main Consol.
18-7N-13W, 279'NL, 197'WL, SW SW. Tide Water Assoc. Oil Co. #ZW-15A R. M. Clark, formerly #5. 999'. 5-7-76. (Water input, formerly a producer.) Main Consol.

EDWARDS COUNTY

30-1N-14W, NW SW NE. Magnolia Petro. Co. #1 Howard-Obold Unit. 2912'. 5-7-76. Samsville North.

HAMILTON COUNTY

27-5S-6E, SW SE NW. H. V. Spires #2 Abbott-Morris-Railroad Comm. 3083'. 5-4-76. (Salt water disposal, formerly a producer.) Dale Consol.
34-5S-6E, 330'SL, 1005'EL, SE. Shell Oil Co., Inc. #1 N. Porter. 3075'. 5-10-76. Dale Consol.
34-5S-6E, 993'SL, 993'WL, SE. Shell Oil Co., Inc. #2 N. Porter. 2960'. 5-11-76. Dale Consol.
34-5S-6E, 943'SL, 991'WL, SE. Shell Oil Co., Inc. #2-A N. Porter. 3061'. 4-29-76. Dale Consol.

HAMILTON COUNTY (continued)

- 34-5S-6E, 993'SL, 1000'EL, SE. Shell Oil Co., Inc. #4 Nellie Porter. 2959'.
5-13-76. (Water input, formerly a producer.) Dale Consol.
- 34-5S-6E, 330'SL, 991'WL, SE. Shell Oil Co., Inc. #5 N. Porter. 3066'.
4-28-76. (Water input, formerly a producer.) Dale Consol.
- 34-5S-6E, 996'SL, 330'WL, SE. Shell Oil Co., Inc. #6 N. Porter. 3103'.
4-30-76. (Water input, formerly a producer.) Dale Consol.
- 34-5S-6E, 990'SL, 330'EL, SE. Shell Oil Co., Inc. #7 N. Porter. 3084'.
4-27-76. Dale Consol.
- 34-5S-6E, SW SW SE. Shell Oil Co., Inc. #8 N. Porter. 3080'. 5-3-76. Dale Consol.

JASPER COUNTY

- 3-6N-10E, NW SW SE. Parrish Prod. Co. #1B-Alexander Dohm. 3020'. 5-11-76.
Clay City Consol.
- 29-8N-9E, NW NW NW. Koons & Frank Petro. Explor. #1 R. Vahling. 2862'.
4-26-76. (Dual purpose: salt water disposal and producer; formerly a producer.) Gila.
- Tr. 30-8N-9E, SE NE NE. Frank's Petro. Explor. #1 Wilson. 2887'. 4-26-76.
Gila.

JEFFERSON COUNTY

- 12-1S-3E, NW SE SW. David F. Herley #1 Sammons-Price Comm., formerly Joe Dull.
3230'. 5-7-76. Divide Consol.

MADISON COUNTY

- 26-5N-7W, SW NW NE. Depoister Drlg. Co. #1 Wiehe. 1618'. 5-11-76. Marine West.

MORGAN COUNTY

- 18-15N-9W, NW NE NW. S & W Drlg. Co. #1 Clyde York. 624'. 4-30-76.
Jacksonville Gas.

RICHLAND COUNTY

- 12-2N-10E, NE NE SE. Davis & Johnson #1 C. W. Moore. 3280'. 4-29-76.
Calhoun East.
- 5-2N-14W, NE SW SW. Wayne Drlg. Co. #1 C. E. Drago, formerly Aurora-Gasoline Co. 3221'. 4-19-76. Parkersburg Consol.
- 3-4N-10E, NW SW SE. Kenneth C. Bell #3 Landis Heirs. 2995'. 4-29-76.
(Water input, formerly a producer.) Olney Consol.
- 10-4N-10E, SE NE NW. Sun Oil Co. #1 Theodore Scherer Unit. 2988'. 4-28-76.
Olney Consol.
- 10-4N-10E, NW NE NW. Bell Brothers #2 Theodore Scherer Unit, formerly Sun Oil Co. 2967'. 4-22-76. (Water input, formerly a producer.) Olney Consol.
- 10-4N-10E, NW SE NW. Bell Brothers #3 Theodore Scherer Unit, formerly Sun Oil Co. 3001'. 4-26-76. (Water input, formerly a producer.) Olney Consol.
- 10-4N-10E, NW NW NE. Kenneth C. Bell #2 Frank Seiler et al. 3007'. 5-1-76.
(Water input, formerly a producer.) Olney Consol.

WABASH COUNTY

- 2-1N-12W, NW SE SE. Prudential Oil Co. #1-A Harvey Cisel. 2245'. 4-21-76.
Allendale.

WARASH COUNTY (continued)

- 7-1S-12W, NE NE NE. Magnolia Petroleum Co. #7 Campbell Heirs. 2389'.
3-29-76. Mt. Carmel.
- 7-1S-12W, SW NW SE. S. C. Yingling #6 C. E. Courter. 2144'. 4-1-76.
Mt. Carmel.
- 8-1S-12W, 400'NL, 2226'WL, SW SW NW. Texaco, Inc. #1 Olds Cons. Tr. 3,
formerly C. R. Craft. 10-11-75. Mt. Carmel.
- 8-1S-12W, SW SE NW. Texaco, Inc. #2 Olds et al. Consol., formerly C. R.
Craft. 2355'. 3-25-76. (Water input, formerly a producer.) Mt. Carmel.
- 18-1S-13W, SE NE SW. Spartan Petroleum Co. #1 Lola Berberich. 2865'. 4-9-76.
New Harmony Consol.
- 8-2S-13W, 1175'NL, 210'EL, SE. Continental Oil Co. #5-A A. E. Shultz. 2585'.
2-13-76. (Water input, formerly a producer.) New Harmony Consol.
- 8-2S-13W, NE NW SE. Continental Oil Co. #15-A A. E. Shultz. 2631'. 2-2-76.
New Harmony Consol.
- 8-2S-13W, SW SE NE. Continental Oil Co. #16-A A. E. Schultz. 2620'.
2-11-76. New Harmony Consol.
- 8-2S-13W, NE SE NE. Continental Oil Co. #18 A. E. Shultz "A", formerly First
National Petro. Trust #1 A. E. Schultz. 2804'. 2-9-76. New Harmony
Consol.
- 9-2S-13W, 200'SL, 330'EL, NW. Kingwood Oil Co. #3 Bump. 2458'. 10-4-75.
New Harmony Consol.
- 29-2S-13W, NE NW NW. Texaco, Inc. #2 J. R. Schrodt, formerly Skelly Oil Co.
2467'. 2-18-76. New Harmony Consol.

WAYNE COUNTY

- Irr. 5-1N-8E, 1720'NL, 975'WL, of frac. sec. Pure Oil Co. #3 E. J. Feller.
3083'. 4-20-76. (Water input, formerly a producer.) Clay City Consol.
- 5-1N-8E, 990'SL, 330'WL, of frac. NW. Pure Oil Co. #5 E. J. Feller. 3075'.
4-22-76. (Water input, formerly a producer.) Clay City Consol.
- 6-1N-8E, 330'SL, 330'EL, of frac. NE. Pure Oil Co. #7 E. J. Feller. 2965'.
4-26-76. (Water input, formerly a producer.) Clay City Consol.
- 21-1S-5E, SW SW SE. Gulf Refining Co. #1 R. M. Bozarth. 3186'. 5-13-76.
Keenville.
- 4-1S-6E, NW SW SW. Pure Oil Co. #1 Owen Weaver. 3277'. 4-19-76. Johnson-
ville Consol.
- 4-1S-6E, SE SW SW. Pure Oil Co. #2 Owen Weaver. 3280'. 4-21-76. Johnson-
ville Consol.
- 14-1S-8E, SW SW NE. M. V. Ring #1 R. C. Merrick, formerly Bell Brothers #1
C. R. Bowlde. 3958'. 4-28-76. Clay City Consol.

WHITE COUNTY

- 13-6S-8E, SE SW NE. Oil Investors, Inc. #2 Gentry-Barton Unit. 2996'.
5-5-76. Roland Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Brenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

No. 476

June 1976

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

HADLEY. Richland County, 35-4N-14W, Spar Mountain at 2969'. Discovery well, C. E. R. Production Co. #1 Pierce-Shafer, IP 51 BOP.

KELL NORTH. Marion County, 30-1N-3E, St. Louis at 2692' and Salem at 2768'. Discovery well, G.A.M. Oil Co. #1 Jerry Phillips, IP 15 BOP.

Extensions to Fields

None

New Pay Zones in Fields

BROWNS SOUTH. Edwards County, 8-2S-14W, Waltersburg at 2322'. Discovery well, Raymond A. Messman #2-A R. A. Messman, IP 40 BOP.

HERALD CONSOLIDATED. White County, 2-7S-9E, Salem at 3868'. Discovery well, C. E. Brehm Drilling & Production #1 Evans, IP 24 BOP, 10 BW.

RURAL HILL NORTH. Hamilton County, 34-5S-5E, Salem at 3858'. Discovery well, Juniper Petroleum Corp. #58-34 Dunn et al., IP 30 BOP, 115 BW from Cypress and Salem.

TABLE I

New Pools Discovered from July 1975 through June 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------|------|------|------------------------|------|------|
| <u>July 1975</u> | | | <u>January 1976</u> | | |
| None | | | Oconee: Shelby | 10N | 1E |
| <u>August</u> | | | <u>February</u> | | |
| None | | | Harristown S: Macon | 16N | 1E |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| None | | | None | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | Hadley: Richland | 4N | 14W |
| | | | Kell North: Marion | 1N | 3E |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | <u>New Dry Holes</u> | | | | <u>Production in</u> | |
|-------------|---|----------------------|------|------------------------|-----------------------|-------------|-----------------|-----|----------------------|----------------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests | Thousands of Barrels |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,253 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,205 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,275 |
| June | 103(1) | 2 | 0 | 102(1) | 3 | 60 | 22 | 22 | 207 | 2,205 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through March 1976 are from reports received directly from crude gathering companies. The figures for April, May, and June 1976 are estimated.

TABLE VII

Drilling by Counties, Oil and Gas, June 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|-----|----------------------------|---------------|---------------|--------|-------------------------|
| | | | New Holes Prod. | D&A | OWWO D&A to Prod. | New | Conversions | | |
| | | | | | | | Were Prod. | Others | |
| | | | | | | | | | |
| Adams | 1 | - | - | - | - | - | - | - | |
| Bond | 1 | 1 | 1 | - | - | - | - | - | |
| Brown | - | 1 | - | 1 | - | - | - | - | |
| Clark | 9 | 1 | - | 1 | - | - | - | - | |
| Clay | 22 | 27 | 10 | 14 | 1 | - | 1 | 1 | |
| Clinton | 5 | 5 | 1 | 4 | - | - | - | - | |
| Coles | - | 2 | 1 | 1 | - | - | - | - | |
| Crawford | 16 | 52 | 50 | 1 | - | 1 | - | - | |
| Cumberland | 1 | 2 | 1 | 1 | - | - | - | - | |
| De Witt | 1 | 2 | - | 2 | - | - | - | - | |
| Douglas | 2 | - | - | - | - | - | - | - | |
| Edgar | 1 | 8 | 2* | 6 | - | - | - | - | |
| Edwards | 6 | 8 | 4 | 4 | - | - | - | - | |
| Effingham | 4 | 1 | - | 1 | - | - | - | - | |
| Fayette | 4 | 7 | 4 | 3 | - | - | - | - | |
| Franklin | 4 | 6 | - | 6 | - | - | - | - | |
| Gallatin | 1 | 1 | - | - | - | - | 1 | - | |
| Hamilton | 1 | 4 | 2 | 2 | - | - | - | - | |
| Hancock | - | 1 | - | 1 | - | - | - | - | |
| Jasper | 3 | 4 | 2 | - | 2 | - | - | - | |
| Jefferson | 3 | 3 | - | 1 | - | - | 2 | - | |
| Lawrence | 26 | 20 | 9 | 2 | - | 9 | - | - | |
| McDonough | - | 1 | - | 1 | - | - | - | - | |
| McLean | 1 | - | - | - | - | - | - | - | |
| Macon | 1 | - | - | - | - | - | - | - | |
| Macoupin | - | 2 | - | 2 | - | - | - | - | |
| Madison | 3 | - | - | - | - | - | - | - | |
| Marion | 10 | 12 | 1 | 7 | - | - | 4 | - | |
| Montgomery | 1 | - | - | - | - | - | - | - | |
| Moultrie | - | 2 | - | 2 | - | - | - | - | |
| Piatt | 1 | - | - | - | - | - | - | - | |
| Richland | 4 | 5 | 1 | 4 | - | - | - | - | |
| St. Clair | 1 | 3 | - | 3 | - | - | - | - | |
| Saline | 1 | 3 | 1 | 2 | - | - | - | - | |
| Sangamon | 2 | 1 | - | 1 | - | - | - | - | |
| Shelby | - | 1 | 1 | - | - | - | - | - | |
| Wabash | 15 | 13 | 2 | 9 | - | - | 2 | - | |
| Washington | 5 | 7 | - | 7 | - | - | - | - | |
| Wayne | 20 | 13 | 6 | 7 | - | - | - | - | |
| White | 16 | 12 | 4 | 7 | - | - | 1 | - | |
| Williamson | 7 | 3 | - | 1 | - | 1 | - | 1 | |
| | 199 | 234 | 103 | 104 | 3 | 11 | 11 | 2 | |

* Includes 1 gas well

^o Issued by Department of Mines and Minerals, Springfield, Illinois, May 28, 1976, through July 1, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, June 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 3 | - | - | - | - | - | - |
| McDonough | - | 3 | 3 | - | - | - | - |
| McLean | <u>2</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 5 | 3 | 3 | - | - | - | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, May 28, 1976, through July 1, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

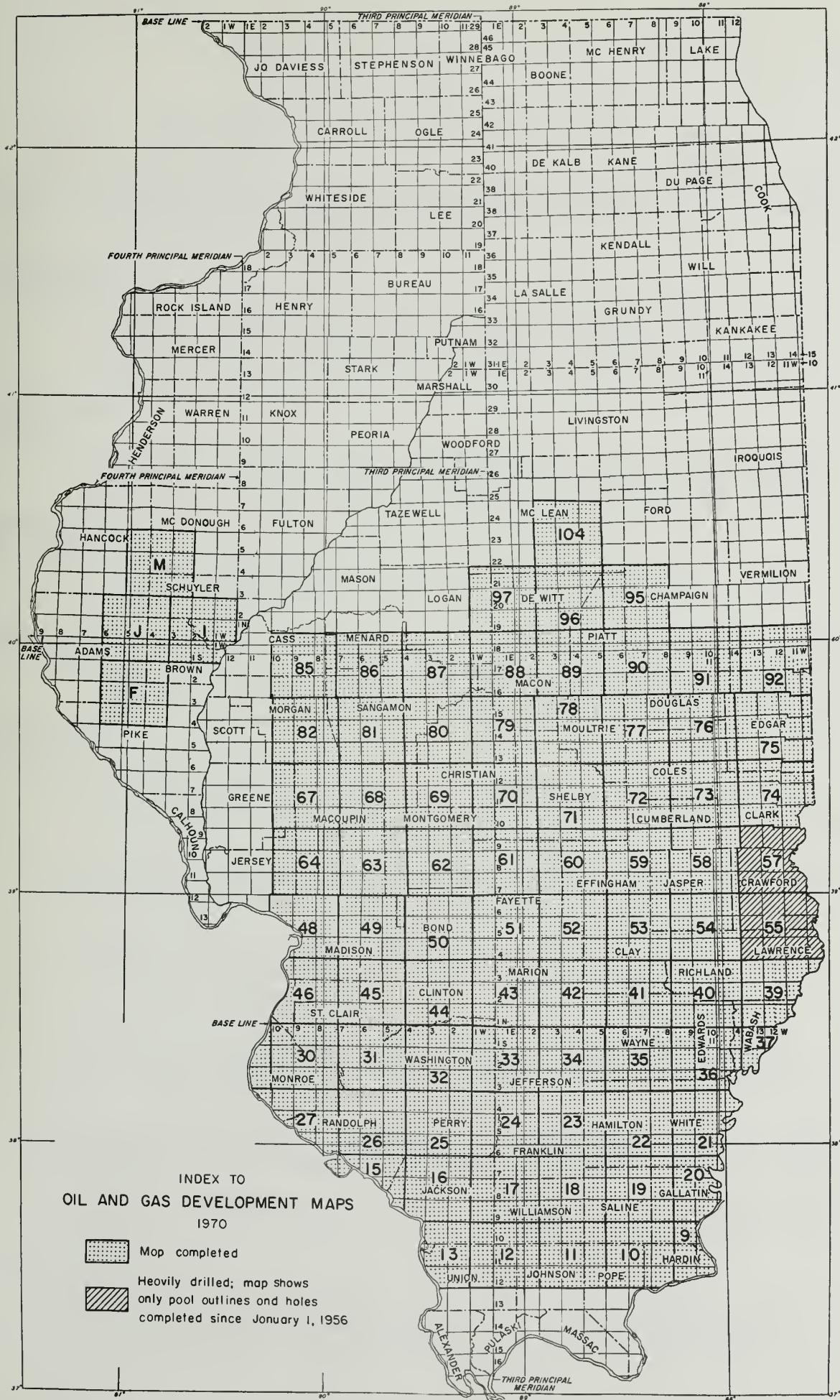
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM MAY 29, 1976 TO JULY 2, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

4N, 2W

- 32, NW SE SW. Dolphin Operating Co., Inc. #2 Henkel. Spd. 4-10-76. Comp. 6-8-76. TD 1112'. IP 15 BOP/15 BW, Cypress, top 1060', nat. Beaver Creek South.

BROWN COUNTY

1S, 4W

- 33, NE SW SW. Earnest Wright #1W Ruben Davis. Spd. 5-1-76. Comp. 5-27-76. TD 690'. D&A. Silurian, top 665' (approx.). Buckhorn.

CLARK COUNTY

9N, 14W

- 26, NW SE NW. Steve Tomko #T-3 Ritter (Courtney-Ken-Chris). Abd. loc. Johnson South.

10N, 11W

- 4, NE SE SW. W. A. Corley #1 Jessie Murphy. Spd. 4-18-76. Comp. 4-24-76. TD 2521'. D&A. Hunton, top 2380' (approx.) WF.

CLAY COUNTY

2N, 7E

- Irr. 7, 380'NL, 990'WL, SW NE. Pollack Brothers Oil Producers #1 Bogard Comm. Spd. 5-8-76. Comp. 5-18-76. TD 3700'. D&A. Salem, top 3590' (approx.) Clay City Consol.
- 14, SE NW NE. David F. Herley #1 G.H. Comm. Spd 5-13-76. Comp. 6-22-76. TD 3140'. D&A (So). McClosky, top 3136'. Clay City Consol.
- 14, 330'SL, 380'EL, NW NE. David F. Herley #1-A G. H. Comm. Spd. 5-26-76. Comp. 6-22-76. TD 3700'. D&A. Salem, top 3370'. Clay City Consol.
- 14, SE SE SE. John M. Zanetis #1-A Shelton. Spd. 3-19-76. Comp. 5-11-76. TD 3610'. IP 35 BOP. Salem, top 3557', acid. Clay City Consol.
- 15, C S/2 NE NE. James F. McCollum #1 D. Frost. Spd. 3-17-76. Comp. 6-8-76. TD 3014'. D&A. Aux Vases, top 2972'. Clay City Consol.
- 15, SE NW SE. Republic Oil Co., Inc. #2 Lewis. Abd loc. Clay City Consol.
- 2N, 8E
- Irr. 3, 990'SL, 330'WL, SE SE. M. C. Milam #4 W. S. Holman. Spd. 4-18-76. Comp. 6-15-76. TD 2609'. IP 10 BOP. Cypress - est., top, 2600'. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

8, SW SW NE. Booth Oil Co. #1 Land Lank. Spd. 11-29-75. Comp. 5-17-76.
TD 3670'. IP 10 BOP. Salem, top 3533', mca & acid. Clay City
Consol.

10, SW SW SW. Beeman Oil & Gas, Inc. & Donald L. Lewis #2-B McAllister.
Spd. 11-15-74. Comp. 5-25-76. TD 3384'. D&A. Salem, top 3364'.
Clay City Consol.

15, SW NW NW. Donald L. Lewis #3 McAllister. Spd. 3-6-76. Comp.
5-5-76. TD 3885'. IP 48 BOP/36 BW. McClosky, top 3020', mca &
frac. Clay City Consol.

3N, 5E

35, NE SE NE. Crossroads Oil, Inc. #2 Paul. OWWO. Was David N.
Claypool. D&A. OTD 2940'. Comp. 4-14-63. Recomp. 6-4-76.
COTD 2940'. IP 32 BOP/50 BW. Benoist, top 2734', Renault,
top 2781', mca & frac. Kenner.

3N, 7E

2, C S/2 NE NE. James C. Franklin #2-A D. Carter. Spd. 4-27-76.
Comp. 5-6-76. TD 2640'. D&A. Cypress, top 2630'. Sailor Springs
Consol.

3N, 8E

28, NE SW NW. Shelby A. & Sylvia Britton #2 Hartzel Powell. Spd.
4-25-76. Comp. 6-1-76. TD 3010'. IP 30 BOP/tr wtr. Spar
Mountain, top 2981'. Clay City Consol.

4N, 5E

6, NE NE SE. George F. Yocum #2 Combs. OWWO. Was Wm. J. Osborne #2
James Combs. Was plugged Cypress producer. OTD 2800'. Comp.
5-30-72. Recom. 6-15-76. COTD 529'. Junked hole. Iola
Central.

14, 330'SL, 360'WL, SE NW. "K" Oil, Inc. #1-A L. Gibson. Spd. 5-17-76.
Comp. 5-22-76. TD 2650'. D&A. Ste. Genevieve, top 2950' (approx.)
Iola South.

14, C W/2 SE SW. K Oil, Inc. #1 Hout. Spd. 6-13-76. Comp. 6-17-76.
TD 2650'. D&A. Ste. Genevieve, top 2580' (approx.) Iola South.

15, SE NE SE. K Oil, Inc. #1 R. Smith. Spd. 11-14-75. Comp. 4-29-76.
TD 2630'. D&A. Spar Mountain-McClosky, top 2611'. Iola South.

4N, 6E

20, C S/2 SE NE. McKinney Oil Producer, Inc. #1 I. Allen. Spd.
6-1-76. Comp. 6-21-76. TD 2885'. IP 19 BOP/0 BW. McClosky, top
2860', acid. Louisville.

20, NW NE SE. McKinney Oil Producer, Inc. #4 Allen. Spd. 5-8-76.
Comp. 5-30-76. TD 2872'. IP 75 BOP. Spar Mountain, top 2851',
acid. Louisville.

CLAY COUNTY (continued)

4N, 6E

- 20, SW NW SW. K Oil, Inc. #1-A G. Schoonover. Spd. 5-22-76. Comp. 5-26-76. TD 2850'. D&A. Spar Mountain, top 2805'. Louisville.
- 29, NE NE NE. K Oil, Inc #1 Cox. OWWO. Was Tom Kiernan #1 Verie Cox. Was plugged McClosky producer. OTD 4718'. Comp. 3-7-75. Recomp. 2-6-76. COTD 2895'. SWD. McClosky, top 2887'. Louisville.
- 29, NW NE NE. S & S Oil Co. #1 V. Cox. Spd. 5-12-76. Comp. 6-16-76. TD 2892'. IP 20 BOP. McClosky, top 2862', acid. Louisville.

4N, 7E

- 10, 330'NL, 495'WL, SE NE. Shelby A. & Sylvia Britton #2 John Crouse. OWWO. Was G. S. Marvin. Was Aux Vases producer. OTD 3025'. Comp. 7-22-59. Recomp. 6-15-76. COTD 3025'. IP 17 BOP/tr wtr. St. Louis, top n.a. Sailor Springs Consol.
- 10, 480'SL, 330'EL, SW NE. Shelby A. & Sylvia Britton #1 Florence Phillips. OWWO. Was G. S. Marvin. Was Aux Vases producer. OTD 2941'. Comp. 2-3-60. Recomp. 6-15-76. COTD 2940'. IP 5 BOP/20 BW. Aux Vases, top 2842', Spar Mountain, top 2929', mca. Sailor Springs Consol.
- 12, SE NE SW. Robert E. Trimpe #2-A Hastings. Spd. 5-4-76. Comp. 5-9-76. TD 2975'. D&A-So. McClosky, top 2940'. Sailor Springs Consol.
- 12, SE NW NE. Robert E. Trimpe #2 J. Stanley Comm. Spd. 9-30-75. Comp. 5-5-76. TD 2950'. D&A. Ste. Genevieve, top 2902'. WN-Sailor Springs Consol.
- 14, NW NW NE. Hanson Oil Co., Inc. #2 Roley-Colburn. Spd. 4-21-76. Comp. 6-1-76. TD 2620'. IP 30 BOP/ some wtr. Cypress, top 2578'. Sailor Springs Consol.
- 35, SE SE SE. James C. Franklin #2 R. Franklin. Spd. 5-5-76. Comp. 5-11-76. TD 2570'. D&A. Jackson, top 2550' (approx.) Sailor Springs Consol.
- 35, NE SE SE. Franklin Oil Co., Inc. #2-B R. Franklin. Abd. loc. Sailor Springs Consol.
- 35, 330'NL, 430'WL, SE NE. Woodrow Franklin #5-A P. Kessler. Spd. 11-14-74. Comp. 6-9-76. TD 3027'. D&A. McClosky, top 3020' (approx.) Sailor Springs Consol.
- 36, NE SW SW. James C. Franklin #4 R. Franklin. Abd loc. Sailor Springs Consol.
- 36, SW NW NW. Woodrow Franklin #3 Kessler. Spd. 5-6-76. Comp. 6-1-76. TD 2310'. IP 30 BOP. Tar Springs, top 2301', mca. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 5E

Irr. 2, SW SE SW. David F. Herley #3 Reed SWD. OWWO-Conv. Was Paul Doran #3 Everett Reed. Was Cypress producer. Deepened to Ohara producer. OTD 2458'. Comp. 3-4-47. Recomp. 3-21-74. COTD 2330'. SWD. Aux Vases, top 2350'. Iola Consol.

CLINTON COUNTY

1N, 3W

9, 990'NL, 290'EL, SW SW. T. R. Kerwin #1 Timmerman. Spd. 6-7-76. Comp. 6-12-76. TD 1093'. D&A. Cypress, top 1038'. WN-Bartelso.

1N, 5W

2, James H. Donnewald #1 Ottensmeier. Spd. 3-26-76. Comp. 3-27-76. TD 1113'. D&A. Ste. Genevieve, top 1060' (approx.) WF.

14, C N/2 SE SE. Elmer Oelze, Jr. #1 Brandmeyer. Spd. 6-2-76. Comp. 6-5-76. TD 1115'. D&A. Ste. Genevieve, top 1111'. WF.

3N, 1W

13, 330'NL, 500'EL, SW SE. Elmer Oelze, Jr. #1-A DuComb. Spd. 3-24-76. Comp. 5-22-76. TD 4045'. IP 30 BOP. Trenton, top 3969', acid. Fairman.

3N, 2W

Irr. 31, 990'SL, 990'WL, SW SE. G.S.P.C. Oil Co. #1 Gross Comm. Spd. 5-11-76. Comp. 5-17-76. TD 1210'. D&A. Benoist, top 1190' (approx.) WF.

COLES COUNTY

12N, 7E

Irr. 2, 330'NL, 990'EL, SE. James R. Covington #F-2 Oliver. Spd. 4-11-76. Comp. 6-1-76. TD 1785'. IP 40 BOP/30 BW. Cypress, top 1746', mca & frac. Mattoon.

14N, 10E

35, 338'SL, 330'WL, NE SE. John E. Carlson #1 Mapes. Spd. 1-2-75. Comp. 1-20-75. TD 390'. IP temp. abd. Pennsylvanian, top 344'. WF.

CRAWFORD COUNTY

6N, 13W

15, 2776'SL, 1217'WL, Sec. Marathon Oil Co. #TT-6 A. Riker M-1. Spd. 4-2-75. Comp. 1-14-76. TD 965'. Oil well, IP N.A. Robinson, top 922', nat. Main Consol.

15, 592'SL, 133'WL, SW. Marathon Oil Co. #0-1 R. A. Siler M-1. Spd. 2-28-75. Comp. 1-14-76. TD 915'. Water input. Robinson, top 885'. Main Consol.

Irr. 15, 169'SL, 215'WL, SW. Marathon Oil Co. #L-2 R. A. Siler M-1. Spd. 1-2-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 862.6', shot. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- Irr. 15, 169'SL, 545'WL, SW. Marathon Oil Co. #L-4 R. A. Siler M-1.
Spd. 2-3-75. Comp. 1-14-76. TD 915'. Oil well, IP N.A.
Robinson, top 862', nat. Main Consol.
- Irr. 15, 169'SL, 875'WL, SW. Marathon Oil Co. #L-6 R. A. Siler M-1.
Spd. 11-13-74. Comp. 1-14-76. TD 935'. Oil well, IP N.A.
Robinson, top 868', shot. Main Consol.
- Irr. 15, 169'SL, 1205'WL, SW. Marathon Oil Co. #L-8 R. A. Siler M-1.
Spd. 10-15-74. Comp. 1-14-76. TD 935'. Oil well, IP N.A.
Robinson, top 875', shot. Main Consol.
- 15, 499'SL, 215'WL, SW. Marathon Oil Co. #N-2 R. A. Siler M-1
Spd. 2-7-75. Comp. 1-14-76. TD 920'. Oil well, IP N.A.
Robinson, top 366', nat. Main Consol.
- 15, 499'SL, 545'WL, SW. Marathon Oil Co. #N-4 R. A. Siler M-1
Spd. 2-11-75. Comp. 1-14-76. TD 925'. Oil well, IP N.A..
Robinson, top 865', nat. Main Consol.
- Irr. 15, 499'SL, 875'WL, SW. Marathon Oil Co. #N-6 R. A. Siler M-1.
Spd. 11-15-74. Comp. 1-14-76. TD 940'. Oil well, IP N.A.
Robinson, top 869', nat. Main Consol.
- Irr. 15, 499'SL, 1205'WL, SW. Marathon Oil Co. #N-8 R. A. Siler M-1.
Spd. 11-7-74. Comp. 1-14-76. TD 937'. Oil well, IP N.A.
Robinson, top 874', shot. Main Consol.
- 15, 829'SL, 545'WL, SW. Marathon Oil Co. #P-4 R. A. Siler M-1
Spd. 2-15-75. Comp. 1-14-76. TD 940'. Oil well, IP N.A.
Robinson, top 383', nat. Main Consol.
- Irr. 15, 829'SL, 875'WL, SW. Marathon Oil Co. #P-6 R. A. Siler M-1.
Spd. 12-2-74. Comp. 1-14-76. TD 940'. Oil well, IP N.A.
Robinson, top 875'. Main Consol.
- Irr. 15, 829'SL, 1205'WL, SW. Marathon Oil Co. #P-8 R. A. Siler M-1.
Spd. 12-4-74. Comp. 1-14-76. TD 935'. Oil well, IP N.A.
Robinson, top 875', shot. Main Consol.
- 15, 415'SL, 2672'WL, Sec. Marathon Oil Co. #JJ-12 Wakefield Hrs.
M-1 . Spd. 5-19-75. Comp. 1-14-76. TD 955'. Oil well, IP
N.A. Robinson, top 915', nat. Main Consol.
- 15, 415'SL, 3176'WL, Sec. Marathon Oil Co. #JJ-14 Wakefield Hrs. M-1
Spd. 5-12-75. Comp. 1-14-76. TD 960'. Oil well, IP N.A.
Robinson, top 913'. Main Consol.
- 15, 907'SL, 2672'WL, Sec. Marathon Oil Co. #LL-12 Wakefield Hrs. M-1
Spd. 5-23-75. Comp. 1-14-76. TD 945'. Oil well, IP
N.A. Robinson, top 911', shot. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

15, 907'SL, 3170'WL, Sec. Marathon Oil Co. #LL-14 Wakefield Hrs. M-1
 Spd. 5-30-75. Comp. 1-14-76. TD 955'. Oil well, IP
 N.A. Robinson, top 927'. Main Consol.

15, 1399'SL, 2662'WL, Sec. Marathon Oil Co. #NN-12 Wakefield Hrs. M-1
 Spd. 5-29-75. Comp. 1-14-76. TD 950'. Oil well, IP
 N.A. Robinson, top 902'. Main Consol.

15, 1399'SL, 3176'WL, Sec. Marathon Oil Co. #NN-14 Wakefield Hrs. M-1
 Spd. 6-3-75. Comp. 1-14-76. TD 950'. Oil well, IP
 N.A. Robinson 901'. Main Consol.

15, 1891'SL, 2662'WL, Sec. Marathon Oil Co. #PP-12 Wakefield Hrs. M-1
 Spd. 6-14-75. Comp. 1-14-76. TD 950'. Oil well, IP
 N.A. Robinson, top 899'. Main Consol.

15, 1891'SL, 3176'WL, Sec. Marathon Oil Co. #PP-14 Wakefield Hrs. M-1
 Spd. 6-2-75. Comp. 1-14-76. TD 955'. Oil well, IP
 N.A. Robinson, top 902', nat. Main Consol.

15, 1891'SL, 3690'WL, Sec. Marathon Oil Co. #PP-16 Wakefield Hrs. M-1.
 Spd. 7-8-75. Comp. 1-14-76. TD 965'. Oil well IP N.A.. Robin-
 son, top 910', nat. Main Consol.

15, 2383'SL 2662'WL, Sec. Marathon Oil Co. #RR-12 Wakefield Heirs
 M-1 Spd. 6-10-75. Comp. 1-14-76. TD 952'. Oil well, IP
 N.A. Robinson, top 892', nat. Main Consol.

15, 2383'SL, 3176'WL, Sec. Marathon Oil Co. #RR-14 Wakefield Hrs. M-1
 Spd. 6-4-75. Comp. 1-14-76. TD 955'. Oil well, IP
 N.A. Robinson, top 920.5', nat. Main Consol.

Irr. 15, 169'SL, 1510'WL, SW. Marathon Oil Co. #L-10 C. I. Weirich
 M-1. Spd. 10-10-75. Comp. 1-14-76. TD 925. Oil well, IP N.A.
 Robinson, top 859', nat. Main Consol.

Irr. 15, 169'SL, 1865'WL, SW. Marathon Oil Co. #L-12 C. I. Weirich
 M-1. Spd. 5-24-75. Comp. 1-14-76. TD 940'. Oil well, IP N.A.
 Robinson, top 882', nat. Main Consol.

Irr. 15, 169'SL, 2195'WL, SW. Marathon Oil Co. #L-14 C. I. Weirich
 M-1. Spd. 10-16-74. Comp. 1-14-76. TD 940'. Oil well, IP
 N.A. Robinson, top 885', nat. Main Consol.

Irr. 15, 499'SL, 1535'WL, SW. Marathon Oil Co. #N-10 C. I. Weirich
 M-1. Spd. 10-11-74. Comp. 1-14-76. TD 930'. Oil well, IP
 N.A. Robinson, top 860', shot. Main Consol.

Irr. 15, 525'SL, 1865'WL, SW. Marathon Oil Co. #N-12 C. I. Weirich
 M-1. Spd. 10-17-74. Comp. 1-14-76. TD 925'. Oil well, IP
 N.A. Robinson, top 854', shot. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- Irr. 15, 490'SL, 2195'WL, SW. Marathon Oil Co. #N-14 C. I. Weirich M-1. Spd. 11-4-74. Comp. 1-14-76. TD 940'. Oil well, IP N.A. Robinson, top 876', shot. Main Consol.
- 22, 1151'NL, 215'WL, NW. Marathon Oil Co. #D-2 J. N. Burch M-1 Spd. 4-3-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 918', nat. Main Consol.
- 22, 1151'NL, 545'WL, NW. Marathon Oil Co. #D-4 J. N. Burch M-1 Spd. 5-7-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 903', nat. Main Consol.
- 22, 1151'NL 875'WL, NW. Marathon Oil Co. #D-6 J. N. Burch M-1 Spd. 4-15-75. Comp. 1-14-76. TD 916'. Oil well, IP N.A. Robinson, top 882', nat. Main Consol.
- 22, 821'NL, 215'WL, NW. Marathon Oil Co. #F-2 J. N. Burch M-1 Spd. 3-27-75. L-14-76. TD 935'. Oil well, IP N.A. Robinson, top, 904', nat. Main Consol.
- 22, 821'NL, 545'WL, NW. Marathon Oil Co. #F-4 J. N. Burch M-1 Spd. 4-9-75. Comp. 1-14-76. TD 925'. Oil well, IP N.A. Robinson, top 901', nat. Main Consol.
- 22, 821'NL, 875'WL, NW. Marathon Oil Co. #F-6 J. N. Burch M-1 Spd. 4-12-75. Comp. 1-14-76. TD 915'. Oil well, IP N.A. Robinson, top 888', nat. Main Consol.
- 22, 821'NL, 1205'WL, NW. Marathon Oil Co. #F-8 J. N. Burch M-1 Spd. 6-10-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 886', nat. Main Consol.
- 22, 516'NL, 215'WL, NW. Marathon Oil Co. #H-2 J. N. Burch M-1 Spd. 4-17-75. 1-14-76. TD 926'. Oil well, IP N.A. Robinson, top 863', nat. Main Consol.
- 22, 491, NL, 545'WL, NW. Marathon Oil Co. #H-4 J. N. Burch M-1 Spd. 4-2-75. Comp. 1-14-76. TD 925'. Oil well, IP N.A. Robinson, top 888', nat. Main Consol.
- 22, 491'NL, 875'WL, NW. Marathon Oil Co. #H-6 J. N. Burch M-1 Spd. 5-29-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 880', nat. Main Consol.
- 22, 821'NL, 1535'WL, NW. Marathon Oil Co. #F-10 H. Martin. Spd. 7-14-75. Comp. 1-14-76. TD 950'. Oil well, IP N.A. Robinson, top 906', nat. Main Consol.
- 22, 871'NL, 1865'WL, NW. Marathon Oil Co. #F-12 H. Martin. Spd. 7-17-75. Comp. 1-14-76. TD 945'. Oil well, IP N.A. Robinson, top, 914', nat. Main Consol.

CRANFORD COUNTY (continued)

6N, 13W

- 22, 821'NL, 2195'WL, NW. Marathon Oil Co. #F-14 H. Martin. Spd. 7-18-75. Comp. 1-14-76. TD 952'. Oil well, IP N.A. Robinson, top 892', nat. Main Consol.
- 22, 491'NL, 1535'WL, NW. Marathon Oil Co. #H-10 H. Martin M-1. Spd. 4-21-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 899', nat. Main Consol.
- 22, 491'NL, 1865'WL, NW. Marathon Oil Co. #H-12 H. Martin M-1. Spd. 6-11-75. Comp. 1-14-76. TD 930'. Oil well, IP N.A. Robinson, top 902', nat. Main Consol.
- 26, C NE SW. Marathon Oil Co. #19 S. Shipman. Spd. 11-7-75. Comp. 3-2-76. TD 2830'. Oil well, IP N.A. Robinson, top 969' Main Consol.

7N, 14W

- Irr. 1, 330'NL, 330'WL, SW. Warren C. Dillman #1 Vern Davis. Spd. 3-4-76 (est.) Comp. 5-24-76. TD 200'. D&A-Junked hole. Main Consol.

8N, 12W

- 30, SW SW NW. Used Oilfield Equipment #7 John Patelski. Spd. 9-1-75. Comp. 6-1-76. TD 1062'. WF producer, IP N. A. Robinson, top 940', frac. Main Consol.
- 32, NE SE SE. Black & Black Oil Co. #1 Smith. Spd. 2-9-76. Comp. 6-8-76. TD 1580'. IP 1 BOP. Robinson, top 1033'. Main Consol.

8N, 13W

- 25, NE SW NE. Daniel R. Leavell #4 Floyd & Julia Wagoner. Spd. 8-25-75. Comp. 6-1-76. TD 1040'. WF prod., IP N.A. Robinson, top 929'. Main Consol.
- 25, 330'SL, 360'WL, NW. Used Oilfield Equipment #1 Floyd O. & Julia C. Wagoner. Spd. 7-11-75. Comp. 6-1-76. TD 1055'. IP 10 BOP/25 BW. Robinson, top 975', shot & frac. Main Consol.
- 25, 330'NL, 380'WL, SW NE. Used Oilfield Equipment #2 Floyd & Julia Wagoner. Spd. 7-22-75. Comp. 6-1-76. TD 1025'. IP 6 BOP/15 BW. Robinson, top 990', frac. Main Consol.

CUMBERLAND COUNTY

9N, 9E

- 27, SW NE NW. Citation Oil & Gas Corp. #1 Thomas M. McMillan. Spd. 4-24-76. Comp. 5-2-76. TD 2717. D&A. Spar Mountain, top 2616'. WN-Hidalgo North.

10N, 11E

- Irr. 31, 1320'SL, 660'WL, SW. Curtis Ross #1-A Dick Shore. Spd. 5-12-76. Comp. 6-1-76 (est.) TD 560'. IP 3 BOP/2 BW. Isabel (Pennsylvanian), top 540' (approx.), shot. York.

DEWITT COUNTY

21N, 1E

31, NE SE NW. Atkins & Homann #1-A Green Comm. Spd. 5-17-76. Comp. 6-8-76. TD 1622'. D&A. Silurian, top 1580'. WF

21N, 2E

17, 334'SL, 337'EL, SW NE NE. Clint Oil Co. #1 Turner. Spd. 6-3-76. Comp. 6-7-76. TD 1635'. D&A. Silurian, top 1606'. WF.

EDGAR COUNTY

12N, 12W

9, NE NE NW. W. A. Corley #1 Berchie Frazier. Spd. 4-8-76. Comp. 4-10-76. TD 1206'. D&A-Junked hole. St. Genevieve, top 1120' (approx.) WF.

9, 480'NL, 330'EL, NE NE NW. W. A. Corley #1-A Berchie Frazier. Spd. 4-11-76. Comp. 4-14-76. TD 2490'. D&A. Silurian, top 2446'. WF.

12N, 13W

4, C W/2 NE SE. Earnest Zink #1 Mendenhall. Spd. 5-17-76. Comp. 5-25-76. TD 547'. D&A. Pennsylvanian, top 450' (approx.) WN-Grandview.

5, 370'SL, 660'WL, SW SE. Earnest Zink #1 Heltsley. Spd. 5-1-76. Comp. 5-17-76. TD 485'. IP 150 MCFGPD. Pennsylvanian, top 465', nat. Grandview.

13N, 11W

34, SW NE SE. R. S. English #1 Shontze. Spd. 3-28-76. Comp. 5-24-76. TD 1040'. D&A. McClosky, top 1015'. WN-Elbridge.

13N, 13W

4, NW SW NE. Odis S. Patillo #6 Carl Waller. Spd. 4-28-76. Comp. 5-25-76. TD 425'. IP 10 BOP. Pennsylvanian, top 395', shot. Dudley.

4, 1590'SL, 660'WL, NE. Odis S. Pattillo #7 Carl Waller. Spd. 5-24-76. Comp. 6-3-76. TD 428'. D&A. Second Dudley, top 380' (approx.) Dudley.

22, NW NW NE. Harry J. Adams #1 Blanche Yowell. Spd. 6-8-76. Comp. 6-22-76. TD 494'. D&A. Second Dudley Sand, top 450' (approx.) WN-Dudley.

EDWARDS COUNTY

1N, 10E

Irr. 5, 330'NL, 330'WL, NE. W. Frank Morrison #1 Harry Mullinax. Spd. 5-11-76. Comp. 5-23-76. TD 3381'. D&A. Ste. Genevieve, top 3240' (approx.) WN-Maple Grove Consol.

9, NE NW NW. W. Frank Morrison #1 Sullivan. Abd loc. Maple Grove Consol.

EDWARDS COUNTY (continued)

2N, 10E

36, NW NE NE. Black & Black Oil Co. #1 Fryman. Spd. 5-22-76. Comp. 6-8-76. TD 3276'. D&A. McClosky, top 3267'. Parkersburg West.

36, 330'NL, 460'WL, SE NE. Perry Fulk #1 Rothrock. Spd. 5-18-76. Comp. 5-30-76. TD 3970'. D&A. Warsaw, top 3930'. Parkersburg Consol.

36, NE NW NE. Black & Black Oil Co. #1 R. Wisner. Spd. 4-23-76. Comp. 6-8-76. TD 3266'. IP 62 BOP/56 BW. Ohara, top 3231'. Parkersburg West.

1S, 14W

Irr. 7. 330'SL, 330'WL, NW SE. M. V. Ring #1 E. L. Gill. Spd. 4-28-76. Comp. 6-8-76. TD 3170'. IP 10 BOP. Ohara, top 3130', mca. Bone Gap Consol.

2S, 14W

8, SE NE SE. Raymond A. Messman #2-A R. A. Messman. Spd. 7-4-75. Comp. 7-15-75. TD 3035'. IP 40 BOP/tr. wtr. Waltersburg, top 2322', frac. Browns South. NEW PAY IN FIELD.

21, SW NW NW. Ill. Mid-Continent & Dee Drlg. #1 Edith Cowling. Spd. 5-28-76. Comp. 6-4-76. TD 3140'. D&A. McClosky, top 3073'. Albion East.

29, 643'NL, 330'EL, NW SE SE. Elmer Laurent #3 Albert Walker. Spd. 12-7-75. Comp. 6-8-76. TD 3084'. IP 8 BOP. Spar Mountain, top 3062', acid. Albion East.

EFFINGHAM COUNTY

6N, 6E

16, C S/2 SW NW. Leslie Mason #1 C. Bushue. Spd. 5-23-76. Comp. 5-30-76. TD 2572'. D&A. McClosky, top 2565' (approx.) Hill

FAYETTE COUNTY

6N, 2E

21, 800'SL, 330'EL, SW SW. C. E. Brehm Drlg. & Prod. #1 Eugene Ireland. Spd. 4-5-76. Comp. 4-15-76. TD 3800'. D&A. Devonian, top 3407'. WF.

8N, 3E

1, SW NE SE. Marion F. Miller Drlg. Co. #1 Doty Heirs. Spd. 4-28-76. Comp. 5-3-76. TD 1680'. D&A. Aux Vases, top 1674'. Louden.

9N, 3E

35, SE SE SW. Safari Oil Co. #1 Beck. Spd. 5-9-76. Comp. 6-17-76. TD 1635'. IP 30 BOP/30 BW. Bethel, top 1577', frac., Benoist, top 1616', frac. Louden.

35 SW SE SW. Safari Oil Co. #2 Beck-Dial. OWWO-OWDD. Was Carter Oil Co. #1 Beck-Dial. Was plugged Cypress producer OTD 1539'. Comp. 9-4-40. Recom. 5-12-76. DTD 1634'. IP 10 BOP/30 BW. Bethel, top 1616', frac. Louden.

FAYETTE COUNTY (continued)

9N, 3E

- 35, 370'SL, 330'EL, NW. W. L. Belden #1-A Frank Buzzard. Spd. 4-23-76. Comp. 4-26-76. TD 1636'. D&A. Benoist, top 1625'. Louden.
- 35, 330'SL, 380'WL, SE NE. Time Oil Inc. #2 Dunaway. Spd. 3-19-76. Comp. 5-17-76. TD 1650'. IP 75 BOP. Bethel, top 1594', frac. Louden.
- 35, 330'NL, 380'EL, NW SE. Time Oil Inc. #2 Slifer. Spd. 3-29-76. Comp. 5-17-76. TD 1648'. IP 100 BOP. Bethel, top 1590', mca & frac. Louden.
- 35, 380'SL, 330'EL, SW NE. M. L. Niemeyer #1 Gerald Sloan, Spd. 3-15-76 (est.) Comp. 5-10-76. TD 1760'. IP 35 BOP/5 BW. Bethel, top 1598', frac. Louden.

FRANKLIN COUNTY

6E, 4E

- 35, NW NE NW. C. E. Brehm Drlg. & Prod. #1 Pulverman E. Spd. 6-12-76. Comp. 6-18-76. TD 3261'. D&A. McClusky, top 3215' (approx.) Akin.

7S, 1E

- 12, SW NE SE. Victor R. Gallagher #1 Zeigler Coal Co. ("A" Acct.). Spd. 5-2-76. Comp. 5-9-76. TD 2850'. D&A. McClosky, top 2826'. WN- Zeigler.
- 23, NE NW SE. Victor R. Gallagher #1 Zeigler Coal Co. ("B" Acct.) Spd. 5-10-76. Comp. 6-1-76. TD 2825'. D&A. Ste. Genevieve, top 2666'. WN-Zeigler.
- 26, NW SE SW. Victor R. Gallagher #1 Zeigler Coal Co. ("C" Acct.) Spd. 5-24-76. Comp. 6-8-76. TD 2775'. D&A. Ste. Genevieve, top 2639'. WF.

7S, 3E

- 28, 375'NL, 250'WL, SW NE. Homeier Oil Ent., Inc. #1-A M. Presley. Spd. 5-26-76. Comp. 6-2-76. TD 3004'. D&A. Ste. Genevieve, top 2820' (approx.) WN-West Frankfort Consol.

7S, 4E

- 13, SW NE SW. C. E. Brehm Drilling & Prod. #1 Goad Comm. Spd. 4-7-76. Comp. 4-15-76. TD 3360'. D&A McClosky, top 3338'. Thompsonville East

GALLATIN COUNTY

7S, 8E

- 34, NE SE SW. T. W. George Trust #1 W. R. Utley. Conv. Was George & Wrather #1 Wm. R. Utley. Was Tar Springs gas well. Deepened to Aux Vases oil well. Comp. 5-20-76. COTD 2735'. Water input. Aux Vases, top 2720'. Omaha.

HAMILTON COUNTY

4S, 7E

- 11, SE SW SW. Basin Surveys, Inc. #1 Donald Clark. OWWO. Was Phillips Petroleum Co. #1 Luther. Was plugged Aux Vases producer. OTD 3267'. Comp. 7-27-48. Recom. 6-14-76. COTD 3080'. D&A. Cypress, top 2980'. Bungay Consol.

5S, 5E

- 34, C W/2 SW SE. Juniper Petroleum Corp. #58-34 Dunn et al. Spd. 12-7-75. Comp. 6-8-76. TD 4300'. IP 30 BOP/115 BW. Cypress, top 3020', Salem, top 3858, acid. Rural Hill North. SALEM NEW PAY IN FIELD.

6S, 5E

- 31, SE SE SW. C. E. Brehm Drilg. & Prod. #A-2 Ward. Spd. 6-8-75. Comp. 7-1-75 (est.) TD 3286'. IP 15 BOP. Aux Vases, top 3220', mca & frac. Dale Consol.

7S, 5E

- 5, NW SW NW. C. E. Brehm Drilg. & Prod. #1 Jackson Comm. Spd. 5-24-76. Comp. 5-30-76. TD 3310'. D&A. Ste. Genevieve, top 3280' (approx.) Dale Consol.
- 6, NE NE NW. C. E. Brehm Drilg. & Prod. #A-1 Ladd Comm. Spd. 6-17-75. Comp. 6-25-75. TD 3292'. D&A. Ste. Genevieve, top 3276'. Dale Consol.
- 8, NE NW SE. A & A, Inc. #3 Carter Heirs. OWWO. Was Waller J. McGlasson #3 Carter. Was plugged Aux Vases producer. OTD 3270'. Comp. 9-7-54. Recom. 3-13-76. COTD 3266'. D&A. Aux Vases, top 3247'. Dale Consol.

HANCOCK COUNTY

5N, 5W

- 8, SE NW NW. Ted Stephenson #1 Barr. Spd. 5-3-76. Comp. 5-17-76. TD 745'. D&A. Silurian, top 645'. WF.

JACKSON COUNTY

7S, 1W

- 22, NE NE SW. H.A.V.E. Oil Co., Inc. #1 Jackson County Coal Co. OWWO-OWDD. Was John Pugh #1 Jackson Co. Coal Co. Was D&A, OTD 2334'. Comp. 10-24-44. Comp. 5-13-76. DTD 3914'. Temp. abd. Devonian, top 3669'. Elkville.

JASPER COUNTY

6N, 9E

- 25, SW SW SE. Bellair Oil Co. #1-A Dale Newlin. OWWO. Was M. L. Van Fossan #1 Dale Newlin "A". Was D&A. OTD 3014'. Comp. 1-27-59. Recom. 5-12-76. TD 3035'. IP 6 BOP. McClosky, top 2989', mca & acid. Clay City Consol.
- 25 SE NE NE. Donald E. Schmitt #1 N. Ochs. Spd. 4-19-76. Comp. 5-20-76. TD 3035'. IP 13 BOP. McClosky, top 2962', acid. Clay City Consol. EXTENSION TO FIELD.

JASPER COUNTY (continued)7N, 10E

26, NE SW NW. J. E. Brown #2 King Heirs Tract 2 Well. OWWO. Was George Baldwin #2 Bartley-King Heirs. Was D&A. OTD 2694'.
Comp. 9-9-47. Recomp. 3-15-75 (est.). TD, IP, Fm., and top N.A. Clay City Consol.

Irr. 30, 330'NL, 330'EL, SW. Parrish Production Co. #1 Frichtl. OWWO. Was C. E. Skiles Oil Corp #1 T. Frichtl. Was D&A. OTD 2945'. Comp. 10-16-51. Recomp. 5-15-76. DTD 2968'. IP 7 BOP/30 BW. McClosky, top 2931'. Newton North.

8N, 9E

29, SW NE NW. HUBCO #1 E. Groves. Spd. 4-28-75. Comp. 6-22-76. TD 2892'. IP N.A. McClosky, top 2876'. Gila.

JEFFERSON COUNTY1S, 3E

21, NW NE SW. Duke Resources Corp. #1 Hagen-Whitson Heirs. Spd. 5-28-76. Comp. 6-1-76. TD 2700'. D&A. McClosky, top 2640'. Reservoir.

23, NW NE SE. Texaco, Inc. #2 West Divide Unit J. Sumner O/A Tract 21. Conversion. Was W. Duncan #2 J. Sumner. Was Spar Mountain-McClosky producer. COTD 2798'. Water input. Spar Mountain, top 2700', McClosky, top 2735'. Divide Consol.

1S, 4E

16, C N/2 NW NE. John F. Dunnill #2 W. W. Willis. Conversion. Was McClosky producer. Comp. 6-26-74. COTD 2868'. SWD. McClosky, top, 2796'. Divide Consol.

LAWRENCE COUNTY2N, 12W

Irr. 2, 360'SL, 660'WL, NW NW. Marathon Oil Co. #1 A. B. Irwin Comm. Spd. 2-15-76. Comp. 6-17-76. TD 1770'. IP 5 BOP/232 BW. Bridgeport, top 736', frac., Cypress, top 1593', frac., Bethel, top 1675', frac. Lawrence.

14, 330'NL, 558'EL, NE. Buckeye Oil Co., Inc. #20 Gerald Spidel. Spd. 4-7-76. Comp. 6-8-76. TD 1920'. IP 78 BOP/tr wtr, 50,000 CFPD, oil & gas. Spar Mountain, top 1909', McClosky, top 1927'. Lawrence.

2N, 13W

15, NW NE SW. Televest Exploration Inc. #1 Brian. Spd. 2-1-75. Comp. 4-15-76. TD 2686'. D&A, S.O. McClosky, top 2668'. Lancaster.

3N, 12W

28, 355'NL, 330'EL, NE. Gilbert A. Higgins #1 James England. Spd. 6-15-76. Comp. 6-18-76. TD 1910'. D&A. Renault, top 1904' (approx.) Lawrence.

LAWRENCE COUNTY (continued)

3N, 13W

- 14, SE SE SW. Black & Black Oil Co. #1 Fisher. Spd. 3-16-76. Comp. 4-27-76. TD 2308'. IP 1 BOP/10 BW. Bethel, top 2122', frac., Aux Vases, top 2246', nat., Spar Mountain, top 2274', nat. Lawrence West.
- 14, SW NE NW. Reinhold Oil Producers #4-A Sager-Wiggins. Spd. 4-30-76. Comp. 6-15-76. TD 2396'. IP 42 BOP/120 BW. Paint Creek, top 2154', frac. Lawrence West.
- 14, 330'SL, 600'WL, NE. Reinhold Oil Producers #1 Spencer-Mason Comm. Spd. 3-10-76. Comp. 6-1-76. TD 2260'. IP 8 BOP/some wtr. Aux Vases, top 2177', acid & frac. Lawrence West.

4N, 12W

- 29, 126'NL, 660'WL, NW. Marathon Oil Co. #TB-21 W. R. Crackle A/C 1. Spd. 3-18-76. Comp. 3-22-76. TD 1370'. Water input. Bridgeport, top 855', Cypress, top 1292'. Lawrence.
- 29, 670'NL, 5'WL, NW. Marathon Oil Co. #SB-22 W. R. Crackle A/C 1. Spd. 3-12-76. Comp. 3-17-76. TD 1010'. Water input. Bridgeport, top 783'. Lawrence.
- 29, 730'NL, 660'WL, NW. Marathon Oil Co. #TB-22 W. R. Crackle A/C 1. Spd. 4-14-76. Comp. 4-19-76. TD 1370'. Water input. Bridgeport, top 897', Cypress, top 1272'. Lawrence.
- 29, 0'NL, 0'WL, SW NW. Marathon Oil Co. #SB-23 W. R. Crackle A/C 1. Spd. 3-9-76. Comp. 3-11-76. TD 1388'. Water input, Bridgeport, top 810'. Cypress, top 1284'. Lawrence.
- 29, 10'SL, 650'WL, NW NW. Marathon Oil Co. #TB-23 W. R. Crackle A/C 1. Spd. 4-1-76. Comp. 6-1-76. TD 1018'. Water input. Bridgeport, top 861'. Lawrence.
- 29, 660'SL, 25'WL, NW. Marathon Oil Co. #SB-24 W. R. Crackle A/C 1. Spd. 2-19-76. Comp. 2-24-76. TD 1380'. Water input. Bridgeport, top 840', Cypress, top 1302'. Lawrence.
- 29, 20'SL, 0'WL, NW. Marathon Oil Co. #SB-25 W. R. Crackle A/C 1. Spd. 3-5-76. Comp. 3-8-76. TD 1033'. Water input. Bridgeport, top 833'. Lawrence.
- 29, 660'NL, 35'WL, SW. Marathon Oil Co. #SB-26 J. B. Lewis. Spd. 2-17-76. Comp. 2-19-76. TD 1062'. Water input. Bridgeport, top, 855'. Lawrence.
- 30, 120'NL, 25'EL, NE. Marathon Oil Co. #SB-21 G. L. Miller. Spd. 3-16-76. Comp. 3-17-76. TD 997'. Water input. Bridgeport, top 828'. Lawrence.
- 32, C W/2 SE SW. Heath Oil Production #1-D Stoltz-Middagh Unit. Spd. 11-5-75. Comp. 5-18-76. TD 3100'. IP 6 BOP. Devonian, top 2969', acid. Lawrence.

LAWRENCE COUNTY (continued)

4N, 13W

Irr. 12, 450'SL, 330'WL, NE NE. Triangle Oil Co. #2-A Hardacre
Account. Spd. 11-25-73 (est.) Comp. 12-1-73. TD 1779'. Oilwell,
IP N.A. McClosky, top 1660', nat. Lawrence.

Irr. 12, 330'SL, 385'EL, NE NE. Triangle Oil Co. of Ill., Inc. #5
Hardacre. Spd. 5-13-76. Comp. 6-15-76. TD 1690'. IP 27 BOP.
Aux Vases, top 1616'. Lawrence.

Irr. 12, 330'SL, 660'EL, NE. Triangle Oil Co. #1-A Ridgeley. Spd.
10-25-73. Comp. 10-29-73. TD 1788'. Oilwell, IP N.A. Spar
Mountain, top 1645'. Lawrence.

MCDONOUGH COUNTY

5N, 1W

34, 990'SL, 340'EL, SE. Walter F. Fischer #1 Bean. Spd. 3-3-76.
Comp. 4-22-76. TD 750'. D&A. Silurian, top 720' (approx.) WF.

MACOUPIN COUNTY

8N, 8W

16, SW SW SW. Peter G. Duncan #2 Peter G. Duncan. Spd. 1-30-76.
Comp. 2-10-76. TD 420'. D&A. Pennsylvanian, gas sand
absent. WN-Plainview.

22, 991'SL, 330'EL, SW NE. John Edsall #2 Edsall. Spd. 3-16-76.
Comp. 3-29-76. TD 530'. D&A. Pennsylvanian, top 486'. Plain-
view.

MADISON COUNTY

6N, 6W

29, 395'NL, 415'EL, NW SE. Vey-Mis Oil & Prod. Inc. #2 John Brandt.
CWWO. Was G. Cassens Pennsylvanian prod. OTD 540'. Comp. 9-28-54.
Recomp. 6-3-76. COTD 550'. IP 5 BOP. Pennsylvanian, top
520'. Livingston.

MARION COUNTY

1N, 2E

Irr. 5, 575'NL, 240'WL, NW. Texaco Inc. #11 H. F. Corbin Jr., O/A
Salem Unit Tract 147. OWDD, Conv. Was Texas Co. #11 H. F. Corbin
Jr. Was McClosky and Salem producer. OTD 2178'. Comp.
8-13-40. Recom. 5-14-76. DTD 2249'. Water input.
Salem, top 2112'. Salem Consol.

Irr. 5, 801'SL, 75'EL, SW. Texaco, Inc. #29 V. M. Kalkbrenner, Salem
Unit Tract 173. Conv. Was temp. abd. Devonian producer.
Comp. 3-29-76. COTD 3488'. Water input. Devonian, top
3410'. Salem Consol.

Irr. 6, 660'SL, 330'WL, NE. Texaco Inc. #12 C. E. Bundy, O/A Salem
Unit Tract 144. Oil Conv. Was Devonian producer converted to
Aux Vases water input. Comp. 5-15-76. COTD 3491'. IP
63 BOP/566 BW. McClosky, top 1984', Devonian, top
3415'. Salem Consol.

MARTON COUNTY (continued)

1N, 3E

30, NE NE NW. G.A.M. Oil Co. #1 Jerry Phillips. Spd. 2-22-76. Comp. 5-9-76. TD 3118'. IP 15 BOP. St. Louis, top 2692', acid, Salem, top 2763', acid. Kell North. NEW FIELD.

2N, 2E

20, 345'SL, 375'EL, NE. Texaco Inc. #25 N. Young, O/A Salem Unit, Tract 29. Conv. Was Devonian producer. Deepened to Trenton producer. Comp. 5-10-76. COTD 2525'. Water input. Salem, top 2188'. Salem Consol.

28, 242'NL, 330'EL, NW SW. Texaco Inc. #21 Salem Unit, Tract 76. OWWO. Was plugged producer. (Devonian deepened to Trenton.) OTD 4665'. Comp. 5-7-40. Recom. 3-24-76. COTD 3470'. IP 154 BOP/938 BW. Devonian, top 3416', acid. Salem Consol.

29, 380'NL, 330'WL, SW. Texaco Inc. #22 W. Friedrich, O/A Salem Unit, Tract 69. Conv. Was McClosky producer. Comp. 5-23-76. COTD 2010' Water input. McClosky, top 1931'. Salem Consol.

29, 392'SL, 340'EL, NE SE. Texaco Inc. #16 Nathan L. Lee, O/A Salem Unit, Tract 74. OWWO. Was W. C. McBride #16 N. L. Lee. Was plugged Devonian producer, OTD 3447'. Comp. 1-9-40. Recom. 5-17-76. COTD 3447'. IP 151 BOP/786 BW. Devonian, top 3391'. Salem Consol.

2N, 3E

Irr. 6, 330'SL, 330'WL, NE SE. Goose Creek Oil Co., Inc. #1 C. K. Boring. Spd. 5-12-76. Comp. 5-16-76. TD 2445'. D&A. Ste. Genevieve, top 2400' (approx.) WN-Brubaker.

Irr. 6, 330'SL, 330'WL, SE SE. Goose Creek Oil Co., Inc. #1 Purcell. Spd. 5-17-76. Comp. 5-21-76. TD 2460'. D&A. Ste. Genevieve, top 2406'. WN-Brubaker.

Irr. 6, 330'NL, 330'EL, SW SE. Goose Creek Oil Co., Inc. #1 Tolka. Spd. 4-15-76. Comp. 4-26-76. TD 4247'. D&A. Silurian, top 3982'. WN-Brubaker.

Irr. 6, 360'NL, 330'WL, SW SE. Goose Creek Oil Co., Inc. #2 J. Tolka. Spd. 5-23-76. Comp. 6-2-76. TD 3945'. D&A. Devonian, top 3846'. WN-Brubaker.

3N, 2E

9, SE SE NE. Ego Oil Co., Inc. #1 Larry D. Bullard et al. Spd. 6-19-76. Comp. 6-23-76. TD 2273'. D&A. Ste. Genevieve, top 2190' (approx.) WF.

3N, 3E

Irr. 30, 330'SL, 330'EL, SW NE. Edward C. Koch #2 Soutier. Spd. 4-14-76. Comp. 4-22-76. TD 2860'. D&A. Salem, top 2600' (approx.) Brubaker.

MARION COUNTY (continued)

3N, 3E

Irr. 31, 990'NL, 330'EL, SE. Perry Fulk #1 E. Meyer Comm. Spd.
4-16-76. Comp. 6-1-76. TD 2420'. D&A. McClosky, top 2403'.
Brubaker.

MOULTRIE COUNTY

12N, 6E

8, SW SW NE. W. A. Corley #1 Paul J. Hostetter. Spd. 2-8-76. Comp.
2-12-76. TD 2042'. D&A. St. Louis, top 2025' (approx.) WF.

13N, 6E

34, NE SW SE. Don Durr #1 Patricia Durr. Spd. 12-6-75. Comp.
12-20-75. TD 3175'. D&A. Devonian, top 3120' (approx.) WF.

RICHLAND COUNTY

2N, 10E

25, SE SW SE. Black & Black Oil Co. #1 Findley. Spd. 6-9-76. Comp.
6-17-76. TD 3266'. D&A. Ste. Genevieve, top 3221'. Parkers-
burg West.

2N, 14W

15, NW NE NW. Televest Exploration Inc. #1 C. Baker. Spd. 12-1-74.
Comp. 11-11-75. TD 3303'. D&A. St. Louis, top 3291'. Parkers-
burg Consol.

3N, 10E

9, C W/2 SW NE. CER Production Co. #1 Brown. Abd loc. Olney South.

9, NW SE SE. C.E.R. Production Co. #1 Schonert. Spd. 3-24-76. Comp.
4-2-76. TD 3194'. D&A. McClosky, top 3112'. Olney South.

4N, 14W

35, NW NW SE. Lee Martin #1 A. Herman. Spd. 5-20-76. Comp. 6-2-76.
TD 3101'. D&A. Ste. Genevieve, top 2950' (approx.) Hadley.

35, SE NE NW. C.E.R. Production Co. #1 Pierce-Shafer. Spd. 4-15-76.
Comp. 6-8-76. TD 2986'. 51 BOP. Spar Mountain, top 2969', mca.
DISCOVERY OF HADLEY FIELD.

ST. CLAIR COUNTY

2S, 7W

15, NE SW SW. Petro Minerals Corp. #1 Frantz. Spd. 2-16-76. Comp.
2-18-76. TD 502'. D&A. Cypress, top 420' (approx.) WN-Free-
burg.

20, 330'SL, 495'WL, SW. Petro Minerals Corp. #1 Schwebel. Spd.
10-22-75. Comp. 10-29-75. TD 1910'. D&A. Trenton, top 1877'.
WN-New Athens.

3S, 6W

24, NW NW SE. James H. Donnewald #1 Powers. Spd. 6-14-76. Comp.
6-19-76. TD 2075'. D&A. Devonian, top 1993'. WN-Tilden North.

SALINE COUNTY

8S, 5E

- 23, 460'SL, 265'EL, SW SW. Santoro Oil Co., Inc. #1 Buell Tanner et al. Spd. 4-15-76. Comp. 6-22-76. TD 3073'. D&A. Ste. Genevieve, top 2962'. Harco.

9S, 6E

- 2, NW NE NE. John L. Jehle #1 Sahara. Spd. 3-1-76. Comp. 6-14-76. TD 2962'. IP 26 BOP. Degonia, top 1683', frac. Eldorado Consol.

10S, 5E

- 15, SE SE NE. A. B. Barrow #1 Charles W. Korff. Spd. 5-8-76. Comp. 5-8-76. TD 3068'. D&A. Osage, top 2935'. WF.

SANGAMON COUNTY

16N, 2W

- 26, SW NE SE. Homeier Oil Ent., Inc. #4 Smith. Spd. 6-10-76. Comp. 6-13-76. TD 1777'. D&A. Silurian, top 1755' (est.) WF.

SHELBY COUNTY

10N, 1E

- 20, NE SW SW. Energy Resources of Indiana #1 Vincent Sommer. Spd. 7-11-75. Comp. 5-25-76. TD 2952'. IP 30 BOP/tr wtr. Hibbard (Devonian), top 2843'. Oconee.

WABASH COUNTY

1N, 12W

- 4, NW NE SE. Gilbert A. Higgins #3 Olive Brooks. Spd. 4-16-76. Comp. 4-23-76. TD 2348'. D&A. McClosky, top 2337'. Allendale.
- 4, NE NE SE. Gilbert A. Higgins #5 Olive Brooks. Spd. 4-13-76. Comp. 6-15-76. TD 1536'. Temp. abd. Biehl, top 1487'. Allendale.
- 10, NE NW NE. Raymond A. Messman #1 P. R. Bates et al. Spd. 5-21-76. Comp. 5-25-76. TD 2360'. D&A. Ste. Genevieve, top 2290'. Allendale.
- 17, NE SW SW. Spartan Petroleum Co. #1 Alfred Harris. Spd. 4-28-76. Comp. 6-8-76. TD 1538'. IP 15 BOP/12 BW. Biehl, top 1530'. nat. Allendale.
- Irr. 19, 815'NL, 630'EL, SW NE. Robert Dayson #2 Stanley Price. Spd. 12-3-75. Comp. 5-10-76. TD 1575'. D&A-SO. Biehl, top 1550'. Allendale.
- 26, NE SE NW. Gilbert A. Higgins #1 Chapman. Spd. 6-14-76. Comp. 6-17-76. TD 1507'. D&A. Biehl, top 1420' (approx.) Allendale.
- 26, NE NW SE. Gilbert A. Higgins #2 Byrel McFarland. Spd. 5-25-76. Comp. 6-8-76. TD 1443'. D&A. Biehl, top none. Allendale.

1S, 12W

- 9, C E/2 SE NE. Southern Triangle Oil Co. #D-1 Jacob Zimmerman. Spd. 4-10-76. Comp. 5-24-76. TD 1468'. IP 25 BOP. Pennsylvanian, top, 1452'. Mt. Carmel.

FABASH COUNTY (continued)

1S, 13W

- 12, 330'NL, 690'WL, SE. Spartan Petroleum Co. #1 Hasse "B" Unit.
Spd. 5-27-76. Comp. 6-2-76. TD 2548'. D&A. McClosky, top
2520' (est.) Mt. Carmel.

2S, 13W

- 20, 315'SL, 555'WL, SE. H. A. Elkins Estate #1-WI H. A. Elkins.
Conv. Was T. W. George #1 H. A. Elkins. Was Bethel producer.
Comp. 6-2-76. COTD 2576'. Water input, Cypress, top 2494'.
New Harmony Consol.

- 21, 430'NL, 330'WL, NW. Andy G. Hocking #1 Don Kennard. Spd. 4-13-76.
Comp. 5-3-76. TD 2573'. D&A. Benoist, top 2563'. New Harmony
Consol.

- Irr. 30, 1155'SL, 1145'EL, SW. J & H Oil Co. #3-A Imogene Schauf.
Spd. 5-25-76. Comp. 5-29-76. TD 2488'. D&A. Cypress, top
2470' (approx.) New Harmony Consol.

2S, 14W

- 11, NW NE SE. T. W. George Trust #4 Henze. Conv. Was E. H. Morris
#4 E. Henze. Was Cypress producer. Comp. 5-19-76. COTD 2617'.
Water input. Cypress, top 2570'. Browns East.

WASHINGTON COUNTY

1S, 2W

- 9, NW NE SE. C. E. Brehm Drlg. & Prod. #1 Irene Heape. Spd. 7-17-75.
Comp. 7-29-75. TD 3990'. D&A. Trenton, top 3900' (approx.).
WN-Hoyleton West.

1S, 4W

- 3, SE NW SW. Elmer Oelze, Jr. #2 Duerkob. Spd. 5-4-76. Comp.
5-10-76. Temp. abd. Silurian, top 2255'. Okawville North Consol.
- 14, NE SE NE. James H. Donnewald #1 Frederking. Spd. 4-30-76. Comp.
5-1-76. TD 1311'. D&A. Ste. Genevieve, top 1307'. WN-Okaw-
ville.

2S, 5W

- 26 NW NW NE. James H. Donnewald #1 Meyer. Spd. 6-11-76. Comp.
6-13-76. TD 1215'. D&A. Ste. Genevieve, top 1209'. WF.
- 35, NE NE SW. James H. Donnewald #1 Weber. Spd. 6-8-76. Comp.
6-10-76. TD 1290'. D&A. Ste. Genevieve, top 1240'. WF.

3S, 3W

- 6, 660'NL, 900'WL, NE. James H. Donnewald #1 Roesener. Spd. 4-26-76.
Comp. 4-29-76. TD 1473'. D&A. Ste. Genevieve, top 1464'. WF.
- 27, NE NE SE. Elmer Oelze, Jr. #1 Karolczak. Spd. 5-19-76. Comp.
5-22-76. TD 1301'. D&A. Benoist, top 1260' (approx.) Cordes.

MAYNE COUNTY

1N, 5E

32, NE SW NW. Orion Energy Corp. #1 Greenwalt. Spd. 5-10-76. Comp. 5-14-76. TD 2975'. D&A. McGlosky, top 2946'. Orchardville.

1N, 8E

9, SW SW SE. Hubert W. Rose #1 A. Hockman. Spd. 3-28-76. Comp. 4-14-76. TD 3780'. IP 15 BOP/400 BW. Salem, top 3678', acid & frac. Clay City Consol.

9, NW NW NE. Robinson Production, Inc. #1 Hubble. Spd. 5-29-76. Comp. 6-9-76. TD 3799'. D&A. Warsaw, top 3660'. Clay City Consol.

2N, 7E

24, NE NW NE. Shelby A & Sylvia Britton #1 Hosselton. Abd. loc. Clay City Consol.

2N, 8E

23, C N/2 SE SE. Tamarack Petroleum Co., Inc. #4 Jordan Heirs. Spd. 5-15-76. Comp. 5-31-76. TD 3831'. D&A. Salem, top 3408'. Clay City Consol.

1S, 6E

Irr. 1, 557'NL, 1650'EL, NW. Fletcher F. Farrar #1 Charles States. ONWO-OWDD. Was Fletcher F. Farrar #28 East Johnsonville Unit. Was D&A. OTD 3140'. Comp. 7-8-73. Recomp. 6-19-76. TD 3850'. D&A. Salem, top 3600' (approx.) Johnsonville Consol.

14, SE NW SE. Van Fossan Associates #2 Fansler. Spd. 4-28-76. Comp. 6-1-76. TD 3851'. IP 82 BOP. Salem, top 3743', mca. Johnsonville South.

14, NE SE SW. Booth Oil Co., Inc. #1 Malone. Spd. 4-13-76. Comp. 5-18-76. TD 3800'. IP 65 BOP/20 BW. Salem, top 3520', mca & acid. Johnsonville South.

1S, 7E

33 NE NW NE. Hobson Oil Co. #1 Wilson. Spd. 5-7-76. Comp. 5-16-76. TD 4012'. D&A. Warsaw, top 3988'. Clay City Consol.

1S, 8E

14, NE NW NW. Richard W. Beeson #4 Puckett. Spd. 5-6-76. Comp. 5-19-76. TD 4000'. D&A. Warsaw, top 3978'. Clay City Consol.

14, SW NE NW. Great American Resources #1 Wheat. ONWO, OWDD. Was Harris and Woofert. Was D&A. OTD 3245'. Comp. 9-26-50. Recomp. 7-30-74. DTD 3974'. Temp abd. Ullin, top 3830'. Clay City Consol.

14, SE NE NW. Great American Resources #2 Wheat. Spd. 5-17-74. Comp. 6-25-74. TD 3939'. IP 15 BOP. Ullin, top 3906', acid. Clay City Consol.

WAYNE COUNTY (continued)

1S, 8E

- 15, C N/2 NE SW. Booth Oil Co., Inc. #1 Gray-Tidball Cons. Spd. 5-8-76. Comp. 6-20-76. TD 3314'. IP 150 BOP/240 BW. Salem, top 3770', acid & frac. Clay City Consol.
- 15, SW SE NW. Booth Oil Co., Inc. #2-A Tidball. Spd. 5-1-76. Comp. 5-8-76. TD 3850'. DYA. Salem, top 3526'. Clay City Consol.
- 22, 330'NL, 410'WL, NE NE. Juniper Petroleum Corp. #71-22 T. B. Liston "B" (deep). Spd. 4-20-76. Comp. 6-1-76. TD 3995'. IP 97 BOP/100 BW. Salem, top 3745', mca & acid. Clay City Consol.

1S, 9E

- 15, NE SE NW. C. E. Brehm Drilg. & Prod. #2 Ralph Smith. Spd. 7-11-75. 7-17-75. TD 3400'. D&A. McClosky, top 3378'. WN-Half Moon.

WHITE COUNTY

4S, 9E

- 35, SW SW SW. Moore Production Co. #1 Armstrong. OWWO. Was Triangle Oil Co. #1 F. Bray. Was plugged Aux Vases producer. OTD 3394'. Comp. 6-24-58. Recom. 4-12-76. COTD 3394'. D&A. Ste. Genevieve, top 3277'. Sumpter South.

4S, 11E

- Irr. 7, 400'SL, 300'EL, SE. William R. & Phyllis Becker #1 W & K Lamont. Spd. 6-16-76. Comp. 6-23-76. TD 3233'. D&A. St. Louis, top 3140' (approx.) Phillipstown Consol.

4S, 14W

- 34, 655'NL, 20'EL, SW NW. The Superior Oil Co. #D-20 H. C. Ford et al. Spd. 4-29-76. Comp. 6-15-76. TD 2663'. IP 49 BOP/195 BW. Waltersburg, top 2132', Tar Springs, top 2200', acid, Cypress, top 2572', acid & mca. New Harmony Consol.

5S, 8E

- 1, 330'NL, 330'WL, NE SW. Athena Corp. #1 John Abbey. Abd. loc. Trumbull Consol.
- 4, NW SW SE. R K Petroleum Corp. #1 Willard Brockett, Jr. Spd. 5-26-76. Comp. 6-7-76. TD 3485'. D&A. McClosky, top 3480' (approx.) WF
- 19, NW SE NE. J. D. Turner #1 Mary Abell Comm. Spd. 4-9-76. Comp. 6-22-76. TD 3365'. IP 70 BOP/20 BW. Aux Vases, top 3322. Enfield.
- 19, NE NE NE. Reynolds & Vincent #3 Lawrence W. Unfried. Spd. 6-15-76. Comp. 6-25-76. TD 3375'. D&A. Ste. Genevieve, top 3365' (approx.) Enfield.
- 35, NE SW NW. Reynolds & Vincent #1 Robert E. Storey. Spd. 5-21-76. Comp. 6-15-76. TD 3453'. D&A. Aux Vases, top 3214'. WN-Trumbull Consol.

WHITE COUNTY (continued)

5S, 10E

- 1, SW NW SW. Slagter Producing Corp. #2 H. Garner. Spd. 4-14-76.
Comp. 4-26-76. TD 3129'. D&A. McClosky, top 3116'. Phillips-
town Consol.

6S, 8E

- 24, 450'SL, 330'EL, NW NE. Oil Investors, Inc. #1-B Gentry-Lowry.
Spd. 4-28-76. Comp. 5-24-76. TD 3769'. IP 98 BOP. McClosky,
top 3116', acid. Roland Consol.
- 24, 330'SL, 420'WL, NW NE. Pricefields Oil, Inc. #2 Pyle-Gentry Comm.
Spd. 10-19-75. Comp. 11-30-75. TD 3166'. IP 80 BOP/10 BW.
Tar Springs, top 2350', frac., Spar Mountain, top 3088', acid,
McClosky, top 3156', nat. Roland Consol.

6S, 9E

- 13, NW NW SW. Sun Oil Co. #A-1 Prudential. Conv. Was E. F. Moran
#A-1 Prudential. Was Aux Vases producer. Comp. 4-23-76. COTD
2957'. Water input. Walcersburg, top 2254', Cypress, top
2655', Aux Vases, top 2929'. Storms Consol.

7S, 9E

- 2, SW NW NE. C. E. Brehm Drlg. & Prod. #1 Evans. Spd. 3-8-76. Comp.
5-28-76. TD 4096'. IP 24 BOP/10 BW. Salem, top 3868', acid.
Herald Consol. NEW PAY IN FIELD.

7S, 11E

- 20, 2310'NL, 330'WL, SW. C. E. Brehm Drlg. & Prod. #3 Curtis. Spd.
6-14-75. Comp. 6-21-75. TD 2840'. D&A. Ste. Genevieve (Karn-
nak), top 2767'. New Haven Consol.
- 20, NW SE SW. C. E. Brehm Drlg. & Prod. #4 Curtis. Spd. 7-2-75.
Comp. 7-9-75. TD 2860'. D&A. Ste. Genevieve (Karnak), 2790'.
New Haven Consol.

WILLIAMSON COUNTY

8S, 3E

- Irr. 8, 330'NL, 330'EL, NE SE SE. C. E. Brehm Drlg. & Prod. #3A Huck
Comm. OWWO-Conv. Was National Assoc. Petr. Co. #1 Mary L. Huck.
Was D&A. OTD 2737'. Comp. 12-2-59. Recom. 7-16-75. COTD
2705'. Water input. Aux Vases, top 2589'. Johnston
City East.
- Irr. 8, 210'SL, 230'EL, NW SE. C. E. Brehm Drlg. & Prod. #5 Huck
Comm. Spd. 7-11-75. Comp. 7-15-75. TD 1670'. WSW. Degonia,
top 1575', Clore, top 1650'. Johnston City East.
- Irr. 8, 430'SL, 970'WL, NW. C. E. Brehm Drlg. & Prod. #1 Zeigler.
Spd. 5-19-76. Comp. 5-25-76. TD 2790'. D&A. Ste. Genevieve,
top 2650' (approx.) Johnston City East.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JUNE 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

ADAMS COUNTY

- 2-2S-5W, NE NE NE. Mike Callihan #2 Cecil Noftz. 626'. 6-7-76. Keller-ville.
 2-2S-5W, 330'SL, 360'WL, NE NE. W. L. King #1 K. W. Noftz. 656'. 5-25-76. Kellerville.

CLARK COUNTY

- 23-9N-14W, 220'WL, 0'SL, NW SE NW. Pure Oil Co. #62 L. Weaver (300A). 517'. 5-3-76. Johnson South.
 27-9N-14W, 215'SL, 215'EL, NE NE. Pure Oil Co. #46 M. E. Larrison. 525'. 5-13-76. Johnson South.
 27-9N-14W, NE NW NE. Ralph H. Edwards #1 Stutesman E. 587'. 5-20-76. Johnson South.
 20-10N-13W, 1210'SL, 330'WL, NW. Watters and Wright #6 Stanley Auld. 524'. 5-27-76. Martinsville.

CLAY COUNTY

- 4-2N-7E, SE SE SW. John M. Zanetis #1 Charlie L. Davis, formerly Continental Oil Co. 3121'. 6-11-76. Clay City Consol.
 4-2N-7E, SW SE SE. John M. Zanetis #1-A Stanford. 3172'. 5-20-76. Clay City Consol.
 9-2N-7E, NE NW NE. East Central Develop. Co. #1 W. L. Stanford, formerly Ashland Oil & Refining Co. 3140'. 5-22-76. Clay City Consol.
 Err. 19-3N-8E, 1364'NL, 330'WL, SE. John W. Rudy #2 Henderson, formerly #1. 3078'. 5-25-76. (Water input, formerly a producer.) Clay City Consol.
 26-4N-5E, SE SW SW. Texas Co. #1 M. J. Gray NCT-1. 2605'. 6-2-76. (Water input, formerly a producer.) Oskaloosa.
 26-4N-5E, SW SW SW. Texaco, Inc. #2 M. J. Gray. 2775'. 5-26-76. (Water input, formerly a producer.) Oskaloosa.
 35-4N-5E, NE NW NW. Texas Co. #1 N. Pursell. 2602'. 5-24-76. (Water input, formerly a producer.) Oskaloosa.
 35-4N-5E, SW NW NW. Texas Co. #2 N. Pursell. 2775'. 6-9-76. (Water input, formerly a producer.) Oskaloosa.
 11-5N-5E, 330'SL, 633'EL, NE NW. David F. Herley #1 Pagel, formerly Kingwood Oil Co. #2 Maude B. Danks. 2467'. Iola Consol.
 11-5N-5E, NW NE NW. David F. Herley #1 E. Reed, formerly Paul Doran. 2380'. 6-7-76. Iola Consol.

CRAWFORD COUNTY

- 11-6N-12W, NE NE SW. Edwards Oil Co. #1 Bradbury E. 1022'. 6-8-76. Main Consol.
 20-7N-12W, 430'SL, 400'WL, NW SW. Logan Oil Co. #5 McComb. 981'. 3-10-76. (Water input, formerly a producer.) Main Consol.
 20-7N-12W, 360'SL, 475'WL, SW. Logan Oil Co. #6 McComb. 955'. 3-11-76. Main Consol.
 20-7N-12W, 335'NL, 325'WL, SW. Logan Oil Co. #0-4 McComb. 967'. 4-6-76. Main Consol.

BEEFINGHAM COUNTY

18-8N-4E, NW NE NW. John M. Zanetis #1 C. M. Patterson. 1557'. 5-25-76.
Louden.

FAYETTE COUNTY

1-3N-2E, 530'SL, 330'WL, SE SW. Comanche Oil Corp. #1 Kistler. 3177'.
5-27-76. Wilberton.

GALLATIN COUNTY

11-8S-9E, 990'NL, 940'EL, NE. John M. Zanetis #4 W. W. Slaton. 2835'.
4-9-76. Inman West Consol.

HAMILTON COUNTY

27-5S-6E, 330'NL, 998'WL, SW SE. Carter Oil Co. #2 T. M. Friehl. 3076'.
5-14-76. (Water input, formerly a producer.) Dale Consol.
27-5S-6E, 330'SL, 915'WL, NW SE. Exchange Oil Co. #2 John H. Stelle. 3051'.
5-14-76. Dale Consol.
34-5S-6E, 200'NL, 260'EL, SW NE. Kingwood Oil Co. #3 Morris. 3090'.
5-21-76. Dale Consol.
34-5S-6E, 668'SL, 580'EL, NE. Kingwood Oil Co. #5 Morris. 3058'. 5-24-76.
Dale Consol.
34-5S-6E, SE SE SE. Shell Oil Co., Inc. #3 N. Porter. 2947'. 5-18-76.
(Salt water disposal, formerly a producer.) Dale Consol.

JEFFERSON COUNTY

24-1S-4E, NE NW NW. Joe A. Dull #1 Byars, formerly National Assoc. Petro. Co.
#1 Clair O. Byars "B". 3666'. 6-8-76. Coil West.

LAWRENCE COUNTY

7-2N-12W, SE NW NW. Ralph Baker #1 David Bass, formerly J. S. Young, Jr.
1794'. 5-21-76. Ruark.
21-2N-13W, SW NW NW. C.E.R. Production Co. #1 H. Roosevelt. 2747'.
7-16-75. Lancaster.
3-4N-12W, NE NE SE. Ralph L. Baker #1 McNew et al. Comm. 1700'. 5-25-76.
(Salt water disposal, formerly a dual purpose salt water disposal and
producer.) Lawrence.

MADISON COUNTY

26-5N-7W, NE SW NE. Depoister Drlg. Co. #2 Wiehe. 1626'. 5-15-76. Marine
West.

RICHLAND COUNTY

3-4N-10E, 330'NL, 660'WL, SE SE. Kenneth C. Bell #2 Porter-Seiler. 3010'.
5-29-76. (Water input, formerly a producer.) Olney Consol.
10-4N-10E, SE NW NE. Kenneth C. Bell #1 Frank Seiler et al. 3009'. 6-8-76.
Olney Consol.

ST. CLAIR COUNTY

19-2S-7W, SE NE NE. William H. Krohn #1 St. Paul's Church. 308'. 6-10-76.
New Athens.

WARREN COUNTY

2-2N-12W, NE SE NW. Ill.-St. Louis Natural Gas Co. #1 Walser. 1587'.
5-14-76. Allendale.

WASHINGTON COUNTY

2-2S-1W, 330'SL, 990'WL, NW. Charles T. Evans #1 McDonald-Richardson Unit.
1546'. 6-14-76. Richview.

WAYNE COUNTY

3-1S-7E, 330'NL, 643'WL, SE NE. J. J. Lynn #1 Roscoe Barnard. 3170'.
6-7-76. Clay City Consol.
3-1S-7E, 664'NL, 360'EL, NE. J. J. Lynn #1 Carl Grove. 3173'. 6-4-76.
Clay City Consol.
4-1S-7E, NW SW NW. Republic Oil Co. #4 Burton. 3230'. 5-24-76. Clay City
Consol.
5-1S-7E, NE SE NE. Republic Oil Co. #1 D. Porter. 3252'. 5-18-76. Clay
City Consol.
34-1E-8E, SW SE SW. Joe Simpkins #6 W. C. Crews. 3205'. 5-20-76. (Water
input, formerly a producer.) Clay City Consol.
Irr. 18-2S-7E, SW NE SE. Black & Black Oil Co. #1-A E. Carter. 3399'.
5-17-76. Clay City Consol.
3-3S-9E, SE SE SE. Sloan & Allen #1 D. O. Cox. 3485'. 6-5-76. Goldengate
Consol.

WHITE COUNTY

27-6S-9E, 360'SL, 300'WL, NE SE. Shaffer-Stoll, Inc. #1 A. G. Aud. 2685'.
1975. Herald Consol.

WILLIAMSON COUNTY

17-8S-3E, 330'NL, 360'WL, NE NE. Joe A. Dull #1 Madison Coal. 2755'.
5-28-76. Johnston City East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of
NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part
of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum
Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and
Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil
Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern
Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County
and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower
Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in
Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper
Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in South-
western Illinois (1973).
- Reprint Ser.
1971M. Possible Future Petroleum Potential of Region 9 (Illinois Basin,
Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- WGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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DISCOVERIES

New Fields

None

Extensions to Fields

None

New Pay Zones in Fields

CONCORD CONSOLIDATED. White County, 16-6S-10E, St. Louis at 3369'. Discovery well, Hummon Oil Co. #1 Sturm (OWDD, was Ste. Genevieve producer), IP 36 BOP, after frac.

TABLE I

New Pools Discovered from August 1975 through July 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|---------------------|------|------|------------------------|------|------|
| <u>August 1975</u> | | | <u>February</u> | | |
| None | | | Harristown S: Macon | 16N | 1E |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| None | | | None | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | Hadley: Richland | 4N | 14W |
| <u>January 1976</u> | | | Kell North: Marion | 1N | 3E |
| Oconee: Shelby | 10N | 1E | <u>July</u> | | |
| | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production in</u> | |
|-------------|---|----------------------|------|------------------------|-----------------------|----------------------|-----------------|-----|----------------------|----------------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests | Thousands of Barrels |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,275 |
| June | 103(1) | 2 | 0 | 102(1) | 3 | 60 | 22 | 22 | 207 | 2,205 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,275 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through April 1976 are from reports received directly from crude gathering companies. The figures for May, June, and July 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, July 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|----|----------------------------|---------------|-------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions | | |
| | | | | | | | Were | | |
| | | | | | | | Prod. | Others | |
| Adams | 2 | 1 | 1 | - | - | - | - | - | - |
| Bond | 2 | - | - | - | - | - | - | - | - |
| Brown | 1 | 1 | - | 1 | - | - | - | - | - |
| Christian | - | 1 | 1 | - | - | - | - | - | - |
| Clark | 4 | 1 | - | 1 | - | - | - | - | - |
| Clay | 12 | 5 | 1 | 3 | - | - | 1 | - | - |
| Clinton | 5 | 1 | - | 1 | - | - | - | - | - |
| Coles | 1 | 1 | 1 | - | - | - | - | - | - |
| Crawford | 6 | 39 | 2 | - | - | 37 | - | - | - |
| Edgar | 1 | 1 | 1 | - | - | - | - | - | - |
| Edwards | 6 | 3 | - | 3 | - | - | - | - | - |
| Fayette | 4 | 1 | 1 | - | - | - | - | - | - |
| Franklin | 1 | 2 | - | 2 | - | - | - | - | - |
| Gallatin | 7 | - | - | - | - | - | - | - | - |
| Hamilton | 2 | 1 | - | - | - | 1 | - | - | - |
| Jackson | 1 | - | - | - | - | - | - | - | - |
| Jefferson | 3 | - | - | - | - | - | - | - | - |
| Lawrence | 21 | 10 | 5 | 1 | - | 4 | - | - | - |
| Macon | - | 1 | 1 | - | - | - | - | - | - |
| Madison | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Marion | 5 | 4 | - | - | - | - | 4 | - | - |
| Richland | 9 | - | - | - | - | - | - | - | - |
| Saline | 1 | - | - | - | - | - | - | - | - |
| Sangamon | 3 | - | - | - | - | - | - | - | - |
| Wabash | 14 | 12 | 9 | 3 | - | - | - | - | - |
| Wayne | 17 | 8 | 6 | 2 | - | - | - | - | - |
| White | 16 | 10 | 6 | 2 | - | - | 2 | - | - |
| Williamson | - | 2 | - | 2 | - | - | - | - | - |
| | 147 | 107 | 36 | 22 | - | 42 | 7 | - | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, July 2, 1976, through July 29, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, July 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| La Salle | 2 | - | - | - | - | - | - |
| Livingston | 1 | 9 | - | 6 | - | 3 | - |
| McDonough | 1 | - | - | - | - | - | - |
| McLean | <u>3</u> | <u>13</u> | <u>-</u> | <u>7</u> | <u>-</u> | <u>6</u> | <u>-</u> |
| | 7 | 22 | - | 13 | - | 9 | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, July 2, 1976, through July 29, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

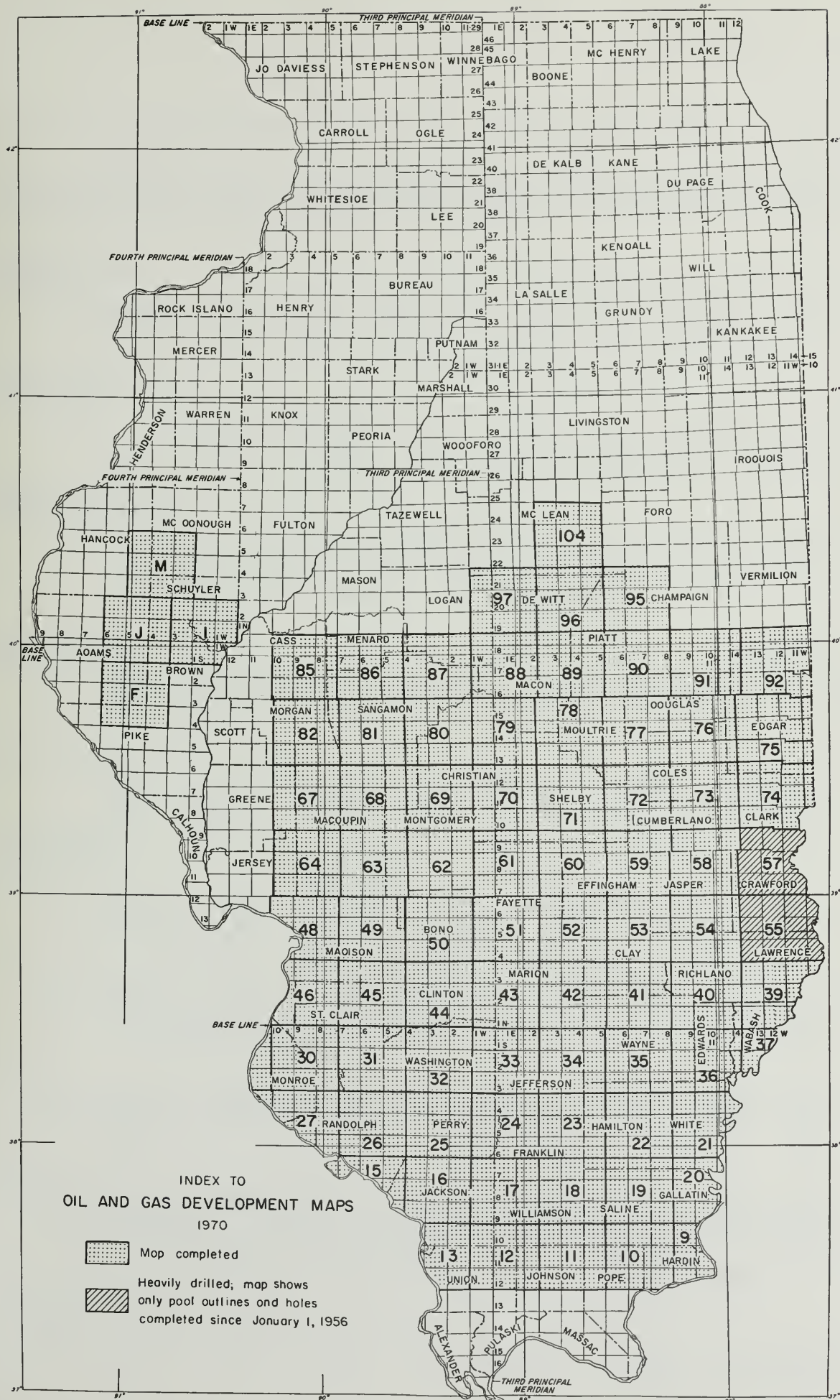
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kimmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM JULY 3, 1976 TO JULY 30, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 12, NE NW NW. C. McElvain #1-A Doole. Spd. 5-27-76. Comp. 7-9-76.
TD 670'. IP 6 BOP. Silurian, top 642', acid. Kellerville.

BROWN COUNTY

2S, 4W

- Irr. 6, 330'NL, 330'EL, SW SE. W. L. King #1 Noftz West. Spd. 4-20-76.
Comp. 5-20-76. TD 560'. D&A. Maquoketa, top 553'. WN-Silaom.

CHRISTIAN COUNTY

15N, 2W

- Irr. 7, 330'NL, 330'WL, SE NE. Central Oil Management Corp. #11 Tomlin. Spd. 5-26-76. Comp. 7-20-76. TD 1766'. IP 100 BOP.
Silurian, top 1744', acid. Roby East.

CLARK COUNTY

9N, 13W

- 13, 330'NL, 380'WL, SW SE. Betima Oil Producers #2-A Olen Wells. Abd.
loc. Melrose.

11N, 14W

- 4, SW SE NW. Richard S. English #1 Belva Turner. Spd. 6-20-75.
Comp. 12-17-75. TD 226'. D&A. Fm. and top NA. Westfield.

CLAY COUNTY

2N, 7E

- 3, SW SE SE. John M. Zanetis #1 H. Mix. Conversion. Was McClosky
producer. Comp. 5-1-75. COTD 3074'. Water input, McClosky,
top 3056'. Clay City Consol.

- 16, NE SW NE. Floyd E. Thompson Oil Co., Inc. #1 Kitley. Spd. 6-26-76.
Comp. 7-1-76. TD 3100'. D&A - So. McClosky, top 3038'. Clay
City Consol.

3N, 7E

- 2, NW SE NE. James C. Franklin #3 D. Carter. Abd. loc. Sailor Springs
Consol.

3N, 8E

- 27, SW SW NW. Union Oil Co. of Calif. #4 Bunnyville Cons-Oscar Poppe.
Conversion. Was Aux Vases and McClosky producer, converted to
McClosky water input. Comp. 6-30-76. COTD 2930'. IP 40 BCP/
71 BW. Aux Vases, top 2870'. Clay City Consol.

4N, 6E

- 20, SE SW NE. McKinney Oil Producer, Inc. #2 I. Allen. Spd. 6-24-76.
Comp. 7-13-76. TD 2870'. D&A. McClosky, top 2836'. Louisville.

CLAY COUNTY (continued)

4N, 6E

20, NE NW SE. K Oil, Inc. #2 Gullett. Spd. 5-24-76. Comp. 7-15-76.
TD 2876. IP 44 BOP/O BW. McClosky, top 2834', acid. Louisville.

4N, 7E

11, SW SW SE. Hanson Oil Co., Inc. #4 Roley. Spd. 5-13-76. Comp.
7-6-76. TD 2640'. D&A - SO. Cypress, top 2587'. Sailor Springs
Consol.

36, 330'SL, 380'WL, SE. Woodrow Franklin #1-A R. Franklin. Abd. loc.
Sailor Springs Consol..

CLINTON COUNTY

1N, 3W

Irr. 6, 990'SL, 1650'EL, NE. Louis H. Kapp, Jr. #1 Hueismann-Varel
Comm. Spd. 6-29-76. Comp. 7-3-76. TD 995'. D&A. Cypress, top
980' (approx.) WN-Germantown E.

1N, 5W

2, NE NW SW. James H. Donnewald #1 Netemeyer. Abd. loc. WF.

COLES COUNTY

12N, 7E

Irr. 1, 990'SL, 330'WL, SW. William Masters #1-A Hagen. Spd. 6-9-76.
Comp. 7-13-76. TD 1790'. IP 50 BOP/20 BW. Cypress, top 1760',
frac. Mattoon.

CRAWFORD COUNTY

5N, 12W

Irr. 2, 1106'NL, 730'WL, NW. M. L. Rich #1-A Vendal Kamplain. Spd.
1-26-76. Comp. 6-23-76. TD 1026'. Oil prod. - NA. Robinson,
top, 1020', shot. Main Consol.

6N, 11W

29, SE NE NW. Harold Funcannon #1 Charles O. Todd. OWWO. Was G. F.
Critchfield #1 Todd. Was plugged Robinson Producer. OTD 968'.
Comp. 6-1-54. Recom. 1-30-76. COTD 968' est. IP 3 BOP/
2 BW. Robinscn, top 963'. Main Consol.

6N, 13W

15, 1027'SL, 380'WL, SW. Marathon Oil Co. #Q-3 Bassom & Siler M-1.
Spd. 6-10-75. Comp. 1-20-76. TD 945'. Water input. Robinson,
top 898'. Main Consol.

15, 1304'SL, 68'WL, SW. Marathon Oil Co. #S-1 Bassom & Siler M-1.
Spd. 6-16-75. Comp. 1-14-76. TD 945'. Water input. Robinson,
top 891'. Main Consol.

15, 1324'SL, 380'WL, SW. Marathon Oil Co. #S-3 Bassom & Siler M-1.
Spd. 6-12-75. Comp. 1-21-76. TD 955'. Water input. Robinson,
top 903'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 15, 1324'SL, 710'WL, SW. Marathon Oil Co. #S-5 Bassom & Siler M-1.
Spd. 2-20-75. Comp. 1-27-76. TD 940'. Water input. Robinson,
top 904'. Main Consol.
- 15, 1324'SL, 1040'WL, SW. Marathon Oil Co. #S-7 Bassom & Siler M-1.
Spd. 2-21-75. Comp. 1-27-76. TD 940'. Water input. Robinson,
top 890'. Main Consol.
- 15, 1654'SL, 380'WL, SW. Marathon Oil Co. #U-3 Bassom & Siler M-1.
Spd. 3-5-75. Comp. 1-14-76. TD 943'. Water input. Robinson,
top 903'. Main Consol.
- 15, 1654'SL, 710'WL, SW. Marathon Oil Co. #U-5 Bassom & Siler M-1.
Spd. 3-3-75. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 908'. Main Consol.
- 15, 1654'SL, 1040'WL, SW. Marathon Oil Co. #U-7 Bassom & Siler M-1.
Spd. 2-19-75. Comp. 1-23-76. TD 940'. Water input. Robinson,
top 904'. Main Consol.
- 15, 1984'SL, 380'WL, SW. Marathon Oil Co. #W-3 Bassom & Siler M-1.
Spd. 3-4-75. Comp. 1-14-76. TD 950'. Water input. Robinson,
top 904'. Main Consol.
- 15, 1984'SL, 710'WL, SW. Marathon Oil Co. #W-5 Bassom & Siler M-1.
Spd. 3-7-75. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 903'. Main Consol.
- 15, 1984'SL, 1040'WL, SW. Marathon Oil Co. #W-7 Bassom & Siler M-1.
Spd. 3-4-75. Comp. 1-19-76. TD 940'. Water input. Robinson,
top 915'. Main Consol.
- 15, 574'SL, 88'WL, SE SW. Marathon Oil Co. #GI-2 C. I. Weirich Mann
Unit. Spd. 12-7-73. Comp. 5-20-74. TD 958'. Water input.
Robinson, top 862'. Main Consol.
- 15, 664'SL, 1370'WL, SW. Marathon Oil Co. #O-9 W. Mann M-1. Spd.
2-21-75. Comp. 1-30-76. TD 935'. Water input. Robinson, top
877'. Main Consol.
- Irr. 15, 664'SL, 1700'WL, SW. Marathon Oil Co. #O-11 W. Mann M-1.
Spd. 10-8-74. Comp. 1-14-76. TD 925'. Water input. Robinson,
top 859'. Main Consol.
- Irr. 15, 664'SL, 2360'WL, SW. Marathon Oil Co. #O-15 W. Mann M-1.
Spd. 11-1-74. Comp. 1-14-76. TD 945'. Water input. Robinson,
top 882'. Main Consol.
- Irr. 15, 994'SL, 1370'WL, SW. Marathon Oil Co. #Q-9 W. Mann M-1.
Spd. 1-9-75. Comp. 1-27-76. TD 940'. Water input. Robinson,
top 874'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- Irr. 15, 994'SL, 1700'WL, SW. Marathon Oil Co. #Q-11 W. Mann M-1.
Spd. 4-16-75. Comp. 1-14-76. TD 920'. Water input. Robinson,
top 858'. Main Consol.
- Irr. 15, 1324'SL, 1700'WL, SW. Marathon Oil Co. #S-11 W. Mann M-1.
Spd. 2-8-75. Comp. 1-14-76. TD 930'. Water input. Robinson,
top 868'. Main Consol.
- Irr. 15, 1654'SL, 1370'WL, SW. Marathon Oil Co. #U-9 W. Mann M-1.
Spd. 11-20-74. Comp. 1-14-76. TD 939'. Water input. Robinson,
top 872'. Main Consol.
- Irr. 15, 1654'SL, 1700'WL, SW. Marathon Oil Co. #U-11 W. Mann M-1.
Spd. 2-11-75. Comp. 1-14-76. TD 930'. Water input. Robinson,
top 862'. Main Consol.
- Irr. 15, 1654'SL, 2030'WL, SW. Marathon Oil Co. #U-13 W. Mann M-1.
Spd. 6-23-75. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 867'. Main Consol.
- 15, 1984'SL, 1370'WL, SW. Marathon Oil Co. #W-9 W. Mann M-1. Spd.
3-10-75. Comp. 1-14-76. TD 945'. Water input. Robinson, top
882'. Main Consol.
- Irr. 15, 1984'SL, 1700'WL, SW. Marathon Oil Co. #W-11 W. Mann M-1.
Spd. 11-30-74. Comp. 1-14-76. TD 941'. Water input. Robinson,
top 888'. Main Consol.
- Irr. 15, 2032'SL, 1983'WL, SW. Marathon Oil Co. #W-13 W. Mann M-1.
Spd. 11-23-74. Comp. 1-14-76. TD 950'. Water input. Robinson,
top 893'. Main Consol.
- Irr. 15, 2000'SL, 2333'WL, SW. Marathon Oil Co. #W-15 W. Mann M-1.
Spd. 12-14-74. Comp. 1-14-76. TD 935'. Water input. Robinson,
top 889'. Main Consol.
- 15, 50'SL, 80'WL, SW. Marathon Oil Co. #K-1 R. A. Siler M-1. Spd.
1-22-75. Comp. 1-14-76. TD 915'. Water input. Robinson, top
872'. Main Consol.
- Irr. 15, 50'SL, 380'WL, SW. Marathon Oil Co. #K-3 R. A. Siler M-1.
Spd. 12-13-74. Comp. 1-14-76. TD 932'. Water input. Robinson,
top 855'. Main Consol.
- Irr. 15, 50'SL, 1040'WL, SW. Marathon Oil Co. #K-7 R. A. Siler M-1.
Spd. 11-5-74. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 855'. Main Consol.
- Irr. 15, 334'SL, 86'WL, SW. Marathon Oil Co. #M-1 R. A. Siler M-1.
Spd. 1-6-75. Comp. 1-14-76. TD 910'. Water input. Robinson,
866'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

Irr. 15, 334'SL, 380'WL, SW. Marathon Oil Co. #M-3 R. A. Siler M-1.
Spd. 2-5-75. Comp. 1-14-76. TD 925'. Water input. Robinson,
top 863'. Main Consol.

Irr. 15, 334'SL, 730'WL, SW. Marathon Oil Co. #M-5 R. A. Siler M-1.
Spd. 11-14-74. Comp. 1-14-76. TD 935'. Water input. Robinson,
top 862'. Main Consol.

Irr. 15, 334'SL, 1040'WL, SW. Marathon Oil Co. #M-7 R. A. Siler M-1.
Spd. 11-6-74. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 873'. Main Consol.

15, 664'SL, 430'WL, SW. Marathon Oil Co. #O-3 R. A. Siler M-1.
Spd. 2-13-75. Comp. 1-14-76. TD 920'. Water input. Robinson,
top 880'. Main Consol.

Irr. 15, 664'SL, 1040'WL, SW. Marathon Oil Co. #O-7 R. A. Siler M-1.
Spd. 11-11-74. Comp. 1-14-76. TD 940'. Water input. Robinson,
top 872'. Main Consol.

15, 2137'SL, 3433'WL, Sec. Marathon Oil Co. #QQ-15 Wakefield Hrs. M-1.
Spd. 4-21-75. Comp. 1-14-76. TD 951'. Water input. Robinson,
top 913'. Main Consol

15, 50'SL, 1370'WL, SW. Marathon Oil Co. #K-9 C. I. Weirich M-1.
Spd. 2-10-75. Comp. 1-22-76. TD 935'. Water input. Robinson,
top 889'. Main Consol.

Irr. 15, 50'SL, 1700'WL, SW. Marathon Oil Co. #K-11 C. I. Weirich M-1.
Spd. 11-1-74. Comp. 1-14-76. TD 925'. Water input. Robinson,
top 881'. Main Consol.

7N, 12W

2, SW SW SW. Don W. Slater #2 C. H. Correll. Spd. 4-21-76. Comp.
7-1-76. TD 1090'. IP 30 BOP/40 BW. Robinson, top 1055', mca
& frac. Main Consol.

7N, 13W

15, NW SE NE. Don W. Slater #2-A Grant Briggs. Abd. loc. Main Consol.

15, SE SE SE. Don W. Slater #2. Raymond Henry. Abd. loc. Main Consol.

EDGAR COUNTY

13N, 13W

9, C W/2 SE. Robison & Associates #13 Baber Lease #1. Spd. 5-29-76.
Comp. 6-29-76. TD 446'. IP 11 BOP/1 BW. Dudley, top 436',
shot. Dudley.

EDWARDS COUNTY

2N, 10E

36, 330'NL, 920'EL, NW NE. Black & Black Oil Co. #2 Wisner. Spd. 1-5-76.
Comp. 1-14-76. TD 3271'. D&A. Spar Mtn., top 3258'. Parkers-
burg West.

REMARKS COUNTY (continued)

1S, 10E

13, SW NW SW. United States Oil Co. #1 E. Woods et al. Spd. 6-1-76.
Comp. 6-21-76. TD 3441'. D&A. St. Louis, top 3434'. Massilon
South.

2S, 10E

36, 330'SL, 430'EL, SW SW. Coy Oil, Inc. #1 Fay Broster. Spd.
6-21-76. Comp. 7-13-76. TD 3354'. D&A. St. Louis, top 3316'.
Albion Consol.

FAYETTE COUNTY

8N, 3E

28, 1370'SL, 940'WL, SW. Exxon Corp. #16 Mabel Mills. Spd. 5-26-76.
Comp. 6-12-76. TD 1584'. IP 0.6 BOP/115 BW. Bethel, top 1554',
nat. Loudon.

FRANKLIN COUNTY

7S, 1E

25, SW SE SW. Victor R. Gallagher #1 Zeigler Coal Co., "D" Acc. Spd.
6-10-76. Comp. 6-23-76. TD 2770'. D&A. Ste. Genevieve, top
2632'. WN-Zeigler.

7S, 4E

13, SW SW SE. C. E. Brehm Drlg. & Prod. #2 Potter Comm. Spd. 7-25-75.
Comp. 8-2-75. TD 3249'. D&A. Ste. Genevieve, top 3216'. Dale
Consol.

HAMILTON COUNTY

3S, 7E

25, SE SE SE. Booth Oil Co., Inc. #1-A Fyie. OWWO-OWDD. Was Mag-
nolia Petro. Co. #4 H. Fyie. Was D&A. OTD 3369. Comp. 6-7-49.
Recomp. 7-11-76. DTD 4200'. D&A. Ullin, top 4170'. Mill
Shoals.

6S, 6E

34, 120'SL, 330'WL, NE. Texaco Inc. #5 Walpole Unit, Tract 30. Spd.
7-29-75. Comp. 8-25-75. TD 3206'. Water input. Aux Vases,
top 3147'. Walpole.

JACKSON COUNTY

7S, 2W

11, NE SE SE. Comanche Oil Corp. #1 House. Abd. loc. WN-Vergennes.

11, NE NW SW. Comanche Oil Corp. #1 Mann. Abd. loc. WN-Vergennes.

JASPER COUNTY

8N, 9E

Irr. 30, 330'SL, 330'EL, NE NE. Marion F. Miller Drilling Co. #1 Wilson.
OWWO. Was Franks Petroleum Explor. McClosky Prod. OTD 2887'.
Was Comp. 12-1-74. Plugged 4-26-76. Recom. 5-30-76. COTD
2887'. IP 33 BOP. McClosky, top 2840', mca & acid.
Gila.

LAWRENCE COUNTY2N, 12W

11, NW SW NE. Buckeye Oil Co., Inc. #10 R. G. Buchanan et al. Spd.
3-31-76. Comp. 7-13-76. TD 1301'. IP 15 BOP. Pennsylvanian,
top 1194', nat. Lawrence.

11, NE SW NE. Buckeye Oil Co., Inc. #11 R. G. Buchanan et al. Spd.
5-17-76. Comp. 6-30-76. TD 1902'. IP 25 BOP. Aux Vases, top
1803', acid. Lawrence.

3N, 11W

23, NE NW SW. John M. Zanetis #9 Newell. Spd. 6-23-76. Comp. 6-30-76.
TD 1925'. D&A. McClosky, top 1920'. Beman.

3N, 12W

17, 330'SL, 380'WL, SE SW. Televest Exploration, Inc. #4 Rogers Heirs.
Spd. 8-18-75. Comp. 2-13-76. TD 1501'. IP 13 BOP. Tar Springs,
top 1343', mca. Lawrence.

3N, 13W

14, NE SW NE. Reinhold Oil Producers #2 Johnston-Spencer Comm. Spd.
4-13-76. Comp. 5-28-76. TD 2315'. IP 48 BOP. McClosky, top
2292', acid. Lawrence West.

4N, 11W

2, C S/2 SW SW. Perry Fulk #1 Lankford Comm. Spd. 5-24-76. Comp.
6-19-76. TD 2250'. IP 7 BOP/15 BW. Spar Mtn., top 1651'.
Pinkstaff East.

4N, 12W

29, 10'NL, 14'EL, NW SW. Marathon Oil Co. #UB-25 J. B. Lewis. Spd.
6-7-76. Comp. 6-9-76. TD 1045'. Water input. Bridgeport, top
810'. Lawrence.

29, 10'SL, 670'EL, NW. Marathon Oil Co. #VB-25 J. B. Lewis. Spd.
6-9-76. Comp. 6-10-76. TD 1018'. Water input. Bridgeport,
top 834'. Lawrence.

30, 374'SL, 408'EL, NE NW. Marathon Oil Co. #MI-3 Isaac Boyd. Spd.
1-6-76. Comp. 1-14-76. TD 1400'. Water input. Cypress, top
1342'. Lawrence.

30, 413'SL, 390'EL, NE NW. Marathon Oil Co. #MO-1 Isaac Boyd. Spd.
12-23-75. Comp. 1-5-76. TD 1400'. Waterflood observation.
Cypress, top 1338'. Lawrence.

LIVINGSTON COUNTY28N, 6E

33, 94'SL, 134'EL, NW NW. Northern Illinois Gas Co. #101 Fienhold.
Spd. 7-27-75. Comp. 9-24-75. TD 2411'. Gas storage observation.
Ironton, top 2172', Franconia, top 2351'. Pontiac Gas Storage
Field.

LIVINGSTON COUNTY(continued)

28N, 6E

- 33, 94'SL, 199'EL, NW NW. Northern Illinois Gas Co. #102 Fienhold.
Spd. 8-8-75. Comp. 8-30-75. TD 2592'. Gas injection-withdrawal.
Galesville, top 2451'. Pontiac Gas Storage Field.

30N, 3E

- 19, 66'SL, 100'WL, NW SW. Northern Illinois Gas Co. #2 Sixt. Spd.
9-24-75. Comp. 10-5-75. TD 2855'. Gas storage observation.
Mt. Simon, top 2490'. Ancona Gas Storage Field.
- Irr. 28, 991'SL, 818'WL, SW. Northern Illinois Gas Co. #6 Hooper.
Spd. 2-26-74. Comp. 4-29-74. TD 2575'. Gas injection-withdrawal.
Mt. Simon, top 2212'. Ancona Gas Storage Field.
- Irr. 29, 410.6'NL, 1290.8'WL, SW. Northern Illinois Gas Co. #9 Cullen.
Spd. 12-14-73. Comp. 12-20-73. TD 2592'. Gas injection-withdrawal.
Mt. Simon, top 2220'. Ancona Gas Storage Field.
- Irr. 29, 490.5'NL, 366.1'WL, SE. Northern Illinois Gas Co. #10 Cullen.
Spd. 1-6-74. Comp. 10-29-74. TD 2626'. Gas injection-withdrawal.
Mt. Simon, top 2216'. Ancona Gas Storage Field.
- 30, 100'SL, 100'WL, SW. Northern Illinois Gas Co. #1 W. Kenny. Spd.
9-4-75. Comp. 9-23-75. TD 2608'. Gas injection-withdrawal.
Mt. Simon, top 2244'. Ancona Gas Storage Field.
- 30, 66'SL, 100'EL, SW NE. Northern Illinois Gas Co. #5 L. Sixt. Spd.
4-25-73. Comp. 5-16-73. TD 2108'. Gas storage observation.
Oneota, top 1030'. Ancona Gas Storage Field.
- Irr. 30, 66'SL, 200'EL, SW NE. Northern Illinois Gas Co. #6 L. Sixt.
Spd. 3-19-74. Comp. 10-31-74. TD 2619'. Gas injection-withdrawal.
Mt. Simon, top 2216'. Ancona Gas Storage Field.

MCLEAN COUNTY

24N, 2E

- 2, 74'SL, 1195'EL, NE SE. Northern Illinois Gas Co. #4. Spd. 5-1-75.
Comp. 3-17-76. TD 4195'. Gas injection-withdrawal. Mt. Simon,
top 3822'. Hudson Gas Storage Field.
- 2, 100'SL, 98'WL, NE. Northern Illinois Gas Co. #1 R. Killian. Spd.
11-25-75. Comp. 2-5-76. TD 3675'. Water observation. Eau
Claire, top 3457'. Hudson Gas Storage Field.

24N, 4E

- 10, 100'NL, 100'WL, NW. Northern Illinois Gas Co. #1 V. Elbert. Spd.
2-8-72. Comp. 3-8-72. TD 3990'. IP temp abd. Mt. Simon, top
3825'. Cooksville Gas Storage Prospect.

25N, 2E

- 36, 0'SL, 161'WL, NW SW. Northern Illinois Gas Co. #4 Taylor. Spd.
4-8-75. Comp. 5-29-75. TD 4230'. Gas injection-withdrawal.
Mt. Simon, top 3870'. Hudson Gas Storage Field.

MCLEAN COUNTY (continued)

25N, 2E

- 36, 1320'SL, 1482'WL, SW. Northern Illinois Gas Co. #5 Taylor. Spd. 1-30-76. Comp. 3-24-76. TD 5406'. IP SWD. Mt. Simon, top 4252'. Hudson Gas Storage Field.

25N, 3E

- 13, 1049'SL, 572'EL, NW. Northern Illinois Gas Co. #1 Brandt. Spd. 5-26-74. Comp. 10-8-74. TD 4130'. Gas injection-withdrawal. Mt. Simon, top 3276'. Lexington Gas Storage Field.
- 14, 150'NL, 66'EL, NE. Northern Illinois Gas Co. #7 Cooke. Spd. 6-27-75. Comp. 7-23-75. TD 3527'. Gas storage observation. Eau Claire, top 3330'. Lexington Gas Storage Field.
- 14, 100'SL, 66'EL, SE. Northern Illinois Gas Co. #6 E. W. Cooke. Spd. 5-28-75. Comp. 6-24-75. TD 4105'. Gas injection-withdrawal. Mt. Simon, top 3754'. Lexington Gas Storage Field.
- Irr. 14, 100'SL, 100'EL, SW SE. Northern Illinois Gas Co. #3 Finks. Spd. 10-16-74. Comp. 4-15-75. TD 4131'. Gas injection-withdrawal. Mt. Simon, top 3758'. Lexington Gas Storage Field.
- Irr. 14, 1228'NL, 1253'EL, SW. Northern Illinois Gas Co. #5 Pyne. Spd. 9-19-74. Comp. 4-10-75. TD 4151'. Gas injection-withdrawal. Mt. Simon, top 3750'. Lexington Gas Storage Field.

25N, 4E

- 7, 1983'NL, 1306'EL, NW. Northern Illinois Gas Co. #1 Van Dolah. Spd. 8-27-74. Comp. 9-14-74. TD 4235'. Gas storage observation. Mt. Simon, top 3832'. Lexington Gas Storage Field.

26N, 2E

- 26, 12'SL, 75'WL, NW. Northern Illinois Gas Co. #1 L. Patton. Spd. 11-2-75. Comp. 11-21-75. TD 3990'. Gas storage observation. Mt. Simon, top 3700'. Lake Bloomington Gas Storage Field.

26N, 3E

- 29, 332'NL, 104'EL, SE NW. Northern Illinois Gas Co. #1 Schuler. Spd. 10-10-75. Comp. 10-30-75. TD 4070'. Waterobservation. Mt. Simon, top 3674'. Lake Bloomington Gas Storage Field.

MACON COUNTY

16N, 1E

- 36, SE SE SW. W. A. Corley #1 Allie R. Hill. Spd. 3-6-76. Comp. 7-2-76. TD 2195'. Oil prod. NA. Silurian, top 2146', acid & frac. Harristown South.

MADISON COUNTY

6N, 6W

- 21, 990'NL, 815'EL, SE SE. Louis H. Kapp, Jr. #1-A Kapp. Spd. 6-28-76. Comp. 7-24-76. TD 551'. IP 36 BOP/o BW. Pennsylvanian, top 520' (est), frac. Livingston South.

MADISON COUNTY (continued)

6N, 5W

- 27, 230'NL, 230'EL, NW. Fairfield Oil Co. #15 Blom. Spd. 6-15-76.
Comp. 6-29-76. TD 600'. D&A. Pennsylvanian, top 538 (approx.)
Livingston South.

MARION COUNTY

1N, 2E

- Irr. 5, 90'SL, 446'EL, NW. Texaco Inc. #15 J. O. Richardson, O/A
Salem Unit, Tract 150. Conversion. Was temporarily abandoned
Devonian producer. Comp. 6-10-76. COTD 3419'. Water
input. Devonian, top 3330'. Salem Consol.
- Irr. 6, 710'SL, 330'WL, SW SE. Texaco Inc. #26 G. S. Johnson "B" O/A
Salem Unit, Tract 179. Conversion. Was Devonian producer.
Comp. 6-12-76. COTD 3400'. Water input. Devonian, top
3363'. Salem Consol.

2N, 2E

- 4, 158'NL, 147'EL, NE. Texaco, Inc. #4 T. Fisher, Tonti Unit, Tract 3.
Conversion. Was Aux Vases producer. Comp. 6-5-76. COTD 2007'.
Water input. Benoist, top 1936'; Aux Vases, top 1996'. Tonti.
- 28, 20'NL, 973'EL, NW. Texaco, Inc. #76 J. H. Young, O/A Salem Unit.
Conversion. Was Magnolia Petroleum Co. #76 J. H. Young. Was
McClosky producer converted to Benoist water input. COTD
2041'. Temp. abd. McClosky, top 1990'. Salem Consol.
- 29, 330'SL, 280'EL, NE NE. Texaco, Inc. #19 R. Shanafelt, O/A Salem
Unit, Tract 53. Conversion. Was Devonian producer deepened to
Trenton producer converted to Aux Vases water input. Comp.
6-28-76. COTD 3518'. IP 38 BOP/1240 BW. Devonian,
top 3394'. Salem Consol.
- 31, 280'NL, 330'EL, SW NE. Texaco, Inc. #4 Mary Harley, O/A Salem
Unit, Tract 116. Conversion. Was Magnolia Petroleum Co. #4 Mary
Harley. Was Devonian producer deepened to Trenton producer
converted to Aux Vases water input. Comp. 7-13-76.
COTD 3387'. IP 234 BO/760 BW. McClosky, top
1838', acid; Devonian, top 3297', acid. Salem
Consol.
- 33, 398'SL, 608'WL, NE SW. Texaco Inc. #10 C. G. Farthing, O/A Salem
Unit, Tract 126. Conversion. Was Devonian producer. Comp.
6-28-76. COTD 3521'. Water input. Devonian, top 3446'.
Salem Consol.

WABASH COUNTY

1N, 12W

- 17, NE SE NE. Jack E. Small #1 King-Stevens Unit. Spd. 7-6-76.
Comp. 7-10-76. TD 1575'. D&A. Biehl, top 1552'. Allendale.
- 26, SW SW NE. Gilbert A. Higgins #4 Byrel McFarland. Spd. 6-4-76.
Comp. 7-11-76. TD 1436'. IP 18 BOP/trace of water. Biehl, top
1410', frac. Allendale.

WABASH COUNTY (continued)

1N, 12W

- 26, SE SE NW. Gilbert A. Higgins #1 McFarland-Chapman Unit. Spd. 6-5-76. Comp. 6-30-76. TD 1434'. IP 168 BOP. Biehl, top 1406'. Allendale.
- 26, NW NW SE. Gilbert A. Higgins #1 Byrel McFarland. Spd. 5-19-76. Comp. 7-13-76. TD 1436'. IP 15 BOP. Biehl, top 1392', natural. Allendale.
- 26, NE NE SW. Gilbert A. Higgins #3 Byrel McFarland. Spd. 5-28-76. Comp. 7-13-76. TD 1434'. IP 37 BOP. Biehl, top 1416', natural. Allendale.
- 26, SE NE SW. Gilbert A. Higgins #5 Byrel McFarland. Spd. 6-10-76. Comp. 7-13-76. TD 1440'. IP 18 BOP. Biehl, top 1413'. Allendale.
- Irr. 30, 330'NL, 330'EL, SW NE. Southern Triangle Oil Co. #1 Norman Dunkel. Spd. 6-11-76. Comp. 6-15-76. TD 1675'. D&A. Tar Springs, top 1647'. Allendale.

1N, 14W

- 15, NE NE SE. Louis A. Pessina #2 Witte et al. Comm. Spd. 1-15-76. Comp. 7-22-76. TD 3875'. IP 30 BOP/0 BW. Ohara, top 2869', natural. Gards Point Consol.

2N, 12W

- 34, 348'NL, 537'WL, NW. Francis L. Beard #3 Paul Ernest. Spd. 1-21-76. Comp. 7-20-76. TD 2285'. Temp. abd. Spar Mountain, top 2234'. Allendale.

1S, 12W

- 9, 690'SL, 330'WL, NE. Southern Triangle Oil Co. #D-1A Jacob Zimmerman. Spd. 4-28-76. Comp. 7-6-76. TD 2001'. IP 20 BOP/20 BW. Cypress, top 1984', frac. Mt. Carmel.

1S, 13W

- 13, SE SE SW. Spartan Petroleum Co. #C-1 Mounts-Chapman. Spd. 5-8-76. Comp. 6-14-76. TD 3197'. IP 15 BOP/some water. McClosky, top 2588', acid. New Harmony Consol.
- 20, 761'SL, 330'WL, SE NW. FRYCO #1 Norma Berberich. Spd. 5-12-76. Comp. 7-13-76. TD 2193'. IP 9 BOP. Tar Springs, top 2186'. New Harmony Consol.

WAYNE COUNTY

2N, 7E

- 24, SW SW NW. Hubert W. Rose #1-A Olive Miller. OWDD. Was Pure Oil. Was Aux Vases producer. OTD 3060'. Comp. 4-15-45. Recom. 6-24-76. DTD 3609'. IP 79 BOP. Salem, top 3500', acid. Clay City Consol.

WAYNE COUNTY (continued)

2N, 8E

- 20, SW NW SE. Fletcher F. Farrar #1 Hosselton. Spd. 5-25-76. Comp. 7-8-76. TD 3875'. IP 42 BO/5 BW. Ohara, top 2986', acid; McClosky, top 3020', natural. Clay City Consol.

1S, 6E

- 14, NW SE SE. Van Fossan Associates #2 James Beeson. Spd. 5-2-76. Comp. 6-19-76. TD 3817'. IP 60 BOP/10 BW. Salem, top 3762', acid. Johnsonville South.
- 14, C S/2 SE SE. Van Fossan Associates #3 James Beeson. Spd. 5-16-76. Comp. 6-2-76. TD 3830'. Temp. abd. Salem, top 3782'. Johnsonville South.
- 14, SW NE SE. Van Fossan Associates #1 Garrett Scarbrough. Spd. 5-22-76. Comp. 6-19-76. TD 3820'. IP 100 BOP/trace of water. Salem, top 3762', mca. Johnsonville South.
- 14, C N/2 NE SE. Van Fossan Associates #2 Garrett Scarbrough. Spd. 6-12-76. Comp. 6-29-76. TD 3811'. IP 40 BOP/50 BW. Salem, top 3771', acid. Johnsonville South.
- 14, C S/2 SE NE. Van Fossan Associates #3 Garrett Scarbrough. Spd. 6-8-76. Comp. 6-29-76. TD 3810'. IP 85 BOP/trace of water. Salem, top 3764', mca. Johnsonville South.
- 14, SE SW NE. Fletcher F. Farrar #1 Paul White. Spd. 6-19-76. Comp. 6-25-76. TD 3130'. Junked hole. Johnsonville South.

1S, 8E

- 22, SE NW NE. Runyon Oil Exploration, Inc. #3 M. J. Williams. Spd. 5-26-76. Comp. 7-10-76. TD 3398'. IP 40 BOP/20 BW. Ohara, top 3124', mca; McClosky, top 3170', acid. Clay City Consol.

WHITE COUNTY

4S, 10E

- 13, NE NE SE. Slagter Producing Corp. #1 Armstrong-Holt. Spd. 5-28-76. Comp. 6-27-76. TD 3143'. IP 75 BOP/7 BW. Tar Springs, top 2363'. Phillipstown Consol.

4S, 11E

- Irr. 31, 120'SL, 300'WL, NE NW. Barger Engineering, Inc. #10 H. Garner (W-4). Conversion. Was Jarvis Brothers & Marcell #10 H. J. Garner. Was temp. abd. Pennsylvanian sand well. Comp. 6-28-76. COTD 1473'. Water input. Pennsylvanian, top 1462'. Phillipstown Consol.

4S, 14W

- Irr. 7, 990'NL, 990'WL, NW. Silurian Oil Co. #1-A V. M. Boultinghouse. OWWO. Was McBride, Inc. #1 Boultinghouse. Was D&A. OTD 3095'. Comp. 4-25-44. Recom. 7-6-76. COTD 860'. Junked hole. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 14W

- 33, 395'NL, 410'EL, SE. The Superior Oil Co. #24 H. E. Given. Spd. 5-26-76. Comp. 7-13-76. TD 3408'. IP 63 BOP/270 BW. Chara, top 2894', acid; St. Louis, top 3050', acid. New Harmony Consol.
- 34, SE NE NW. The Superior Oil Co. #14 H. C. Ford et al. D. Conversion. Was McClosky producer converted to Cypress water input reconverted to McClosky producer. Comp. 6-17-76. COTD 2917'. Water input. McClosky, top 2876'. New Harmony Consol.
- 34, 330'SL, 170'WL, NE SW. Superior Oil Co. #1 Given Unit. Spd. 4-12-76. Comp. 7-13-76. TD 3402'. IP 13 BOP/4 BW. McClosky, top 2888', mca; St. Louis, top 3264', mca and acid. New Harmony Consol.
- 34, NE SW SW. The Superior Oil Co. #2 Given Unit. Spd. 5-11-76. Comp. 7-13-76. TD 3405'. IP 29 BOP/12 BW. Ohara, top 2896'; St. Louis, top 3258'. New Harmony Consol.

5S, 8E

- 19, SE NW NE. Reynolds and Vincent #1 Carl G. Wilson Comm. Spd. 1-23-76. Comp. 7-1-76. TD 3481'. IP 60 BOP/trace of water. Aux Vases, top 3430'. Enfield.
- 19, NW SW NE. Reynolds & Vincent #3 Robert J. Wilson Comm. Spd. 1-6-76. Comp. 7-2-76. TD 3408'. IP 55 BOP. Aux Vases, top 3354'. Enfield.
- 19, NE SW SE. J. D. Turner #3 Truman Wilson et al. Spd. 6-29-76. Comp. 7-8-76. TD 3516'. D&A. Ste. Genevieve, top 3450' (approx.). Enfield.
- 34, NW NW SE. J. D. Turner #1 John R. Hillyard et al. Spd. 12-13-75. Comp. 4-2-76. TD 3271'. D&A. Aux Vases, top 3236'. WN - Enfield.

5S, 10E

- 1, SW SE NW. Royal G. Cantrell #C-2 Viola Garner. Abd. loc. Phillips-town Consol.

6S, 9E

- 11, NE NE SE. Jim Haley Production Co. #5 Storms Field Tract #6. OWDD and Conversion. Was Exchange & Oil #5 Pearce. Was Waltersburg producer. OTD 2278'. Comp. 10-1-40. Was Sinclair Oil & Gas, Tract 6. Was water input - Waltersburg. Recom. 5-18-76. DTD 2695'. IP 4 BOP. Cypress, top 2676', frac. Storms Consol.

6S, 10E

- 16, SE SE SW. Hummon Oil Co. #1 Sturm. OWWO & OWDD. Was Aetna Oil #1 Hollerbach. Was Ste. Genevieve producer. OTD 3085'. Comp. 5-9-44. Recom. 7-9-76. DTD 4969'. IP 36 BOP. St. Louis, top 3369', mca and frac. Concord Consol. ST. LOUIS NEW PAY IN FIELD.

WILLIAMSON COUNTY (continued)

8S, 1E

14, NW SE SW. Victor R. Gallagher #1 Zeigler Coal Co., South Clifford
Account. Spd. 6-24-76. Comp. 7-13-76. TD 2590'. D&A. McClosky,
top 2525'. WF.

8S, 4E

17, NE NW SE. C. E. Brehm Drlg. & Prod. #A-2 Roberts. Spd. 7-17-75.
Comp. 7-24-75. TD 3065'. D&A. Ste. Genevieve, top 2995'.
Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JULY 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

- 8-14N-3W, SW SW NW. Atkins & Hale #3 L. F. Simpson. 1788'. 6-24-76.
(Salt water disposal, formerly a producer.) Edinburg West.
11-15N-1W, NE SW SE. Comanche Oil Corp. #1 Dipper. 1933'. 6-18-76. Mt. Auburn Consol.

CLARK COUNTY

- 22-9N-14W, 220'SL, 0'EL, SW SW NE. Pure Oil Co. #29 L. Weaver. 582'.
6-8-76. Johnson South.
26-9N-14W, 20'SL, 170'WL, NW NE NW. Pure Oil Co. #12 J. P. Bennett. 512'.
1-21-76. Johnson South.
26-9N-14W, 200'SL, 170'WL, NE NW. Pure Oil Co. #13 J. P. Bennett. 518'.
1-20-76. Johnson South.
13-11N-14W, SW SW SW. Henry M. Gray #1 Orville Simonton. 552'. 6-16-76.
Westfield East.

CLAY COUNTY

- 3-2N-7E, 330'SL, 945'WL, SW. John M. Zanetis #2 W. L. Stanford. 3116'.
6-18-76. Clay City Consol.
4-2N-7E, SE SE SE. John M. Zanetis #2-A Stanford. 3165'. 6-16-76. Clay City Consol.
9-2N-7E, NW NE NE. East Central Developing Co. #1 E. D. Stanford. 3160'.
6-14-76. Clay City Consol.

CRAWFORD COUNTY

- 22-6N-12W, SW NW SE. Mahutska Oil Co. #21 G. C. Mohler. 1649'. 6-14-76.
Main Consol.
7-6N-13W, 660'NL, 495'EL, NW SE. Walter S. Appling #1 Robert C. Edwards.
1054'. 6-15-76. Main Consol.

EDWARDS COUNTY

- 32-2N-14W, 330'NL, 280'EL, SW NW. Marathon Oil Co. #WI-1 H. G. Markman,
formerly Ohio Oil Co. #2. 3103'. 6-16-76. (Water input, formerly
a producer.) Parkersburg Consol.
32-2N-14W, NW SW NW. Ohio Oil Co. #1 H. G. Markman. 3174'. 6-16-76.
Parkersburg Consol.

JASPER COUNTY

- 14-7N-10E, SE NE SE. Robinson-Puckett, Inc. #1 G. E. Stretcher. 2550'.
6-21-76. Clay City Consol.
23-7N-10E, NW NE NE. Robinson-Puckett, Inc. #1 C. J. McCord. 2597'.
6-22-76. Clay City Consol.
23-7N-10E, 660'NL, 330'WL, SE. Robinson-Puckett, Inc. #2 Chester J. McCord
"A". 2593'. 6-16-76. Clay City Consol.
23-7N-10E, NW SW NE. Robinson Prod. Inc. #A-1 Lee Smith, formerly Winmar
Oil Co. #2. 6-15-76. Clay City Consol.

JEFFERSON COUNTY

- 23-18-3E, 320'NL, 320'EL, NW NE. Texaco Inc. #2 F. M. Green (Tr. 14), formerly Gulf Refining Co. 2892'. 6-22-76. (Water input, formerly a producer.) Divide Consol.

JEFFERSON COUNTY (continued)

23-1S-3E, 330'NL, 350'EL, NW SW. Texaco Inc. #5 D. F. Hanes (Tr. 11), formerly Texas Co. 2868'. 6-23-76. (Water input, formerly a producer.) Divide Consol.

RICHLAND COUNTY

1rr. 12-4N-14W, 990'SL, 330'EL, SW NW. Frank's Petroleum Explor. #2 H. Buss, formerly Trans American Oil Co. LTD. 3140'. 6-21-76. Stringtown South.

WABASH COUNTY

24-1N-12W, 186'SL, 195'EL, NW. Phipps, Blosser and Young #2 Howard Armstrong. 1440'. 10-7-75. Allendale.

8-1N-13W, NE SW NW. Double "A" Oil Prod. #1 Jone-Kieffer-Yocum Comm., formerly Paul J. McIntyre #1 Yocum Comm. 2825'. 6-9-76. Lancaster Central.

18-1S-12W, 693'NL, 968'EL, SE. Shell Oil Co. Inc. #19-W P. F. Hein, formerly #5. 2061'. 5-12-76. (Water input, formerly a producer.) Mt. Carmel.

21-2S-13W, 990'SL, 330'WL, NW. L. D. Sawyer #3 Compton et al. 2915'. 6-25-76. New Harmony Consol.

WAYNE COUNTY

22-1N-8E, 2312'SL, 330'EL, SE. Pure Oil Co. #C-1 Powell Consol. 3077'. 6-24-76. Clay City Consol.

23-1N-8E, 1979'NL, 1970'WL, NW. Pure Oil Co. #1 McDowell Consol. 3095'. 6-29-76. Clay City Consol.

36-2S-7E, NW SE SE. Berlin C. Runyon #1 Lola E. Wise. 3434'. 6-18-76. Mill Shoals.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 95. Proceedings of the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 96. Background Materials on the Symposium on the Future Petroleum Potential of NPC Region 9 (Illinois Basin, Cincinnati Arch, and Northern Part of Mississippian Embayment) (1971).
- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Cir: 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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DISCOVERIES

New Fields

ENFIELD NORTH. White County, 9-5S-8E, Aux Vases at 3321'.
Discovery well, R K Petroleum Corp. #2 Willard Brockett, Jr.,
IP 161 BOP

New Pay Zones in Fields

LANCASTER EAST. Wabash County, 36-2N-13W, Buchanan at 1407'.
Discovery well, Abell Ltd. #1 Abdll-Wilber Comm. (OWWO, was
D&A), IP 9 BOP, 3 BW, from Bridgeport and Buchanan.

RINARD NORTH. Wayne County, 32-2N-7E, Salem at 3561'.
Discovery well, Perry Fulk #1 Knapp, IP 35 BOP, 175 BW.

SAMSVILLE WEST. Edwards County, 22-1N-10E, Salem at 3846'.
Discovery well, Spartan Petroleum Co. #1 Leonard Garman,
IP 8 BOP.

Extensions to Fields

HARCO. Saline County, 33-8S-5E, Cypress at 2617'.
Discovery well, Santoro Oil Co. #1 Ralph L. Owen et al,
IP 6 BOP.

RINARD NORTH. Wayne County, 32-2N-7E, Salem at 3561'.
Discovery well, Perry Fulk #1 Knapp,
IP 35 BOP, 175 BW.

SAMSVILLE WEST. Edwards County, 22-1N-10E, Salem at 3846'.
Discovery well, Spartan Petroleum Co. #1 Leonard Garman,
IP 8 BOP.

TABLE I

New Pools Discovered from September 1975 through August 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|-----------------------|------|------|----------------|------|------|
| <u>September 1975</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>May</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>June</u> | | |
| None | | | Hadley: | | |
| | | | Richland | 4N | 14W |
| <u>December</u> | | | Kell North: | | |
| None | | | Marion | 1N | 3E |
| <u>January 1976</u> | | | <u>July</u> | | |
| Oconee: | | | None | | |
| Shelby | 10N | 1E | | | |
| <u>February</u> | | | <u>August</u> | | |
| Harristown S: | | | Enfield North: | | |
| Macon | 16N | 1E | White County | 5S | 8E |
| <u>March</u> | | | | | |
| None | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production</u> <u>in</u> | |
|-------------|---|--------------------------------|---------------------------|--------------------------|-------------|--------------------------|----|-----------------------|--------------------------------|--------|
| | Field Wells | Discoveries Field Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near Far | | Total New Tests | Thousands of Barrels | |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,253 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,355 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,243 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 132 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,956 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 63 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,275 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 59 | 22 | 22 | 207 | 2,205 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,275 |
| Aug. | 48 | 1 | 3 | 49 | 3 | 29 | 4 | 10 | 92 | 2,275 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through April 1976 are from reports received directly from crude gathering companies. The figures for May through August 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, August 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|-------------------------------------|---|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions Were Prod. Others | | |
| | | | Prod. | D&A | | | | | |
| Adams | - | 2 | - | 2 | - | - | - | - | - |
| Bond | 4 | - | - | - | - | - | - | - | - |
| Brown | 1 | 2 | 1 | 1 | - | - | - | - | - |
| Cass | - | 1 | - | 1 | - | - | - | - | - |
| Christian | 1 | - | - | - | - | - | - | - | - |
| Clark | 4 | - | - | - | - | - | - | - | - |
| Clay | 9 | 3 | 2 | 1 | - | - | - | - | - |
| Clinton | 1 | - | - | - | - | - | - | - | - |
| Coles | 3 | - | - | - | - | - | - | - | - |
| Crawford | 15 | 45 | 7 | 2 | - | 31 | 5 | - | - |
| Cumberland | - | 12 | 1 | - | - | 10 | - | - | 1 |
| Douglas | - | 1 | - | 1 | - | - | - | - | - |
| Edgar | 1 | 1 | 1 | - | - | - | - | - | - |
| Edwards | 8 | 4 | 3 | 1 | - | - | - | - | - |
| Effingham | 3 | 1 | 1 | - | - | - | - | - | - |
| Fayette | 9 | 1 | 1 | - | - | - | - | - | - |
| Franklin | 1 | 5 | 2 | 2 | - | - | 1 | - | - |
| Gallatin | 1 | 4 | 2 | 2 | - | - | - | - | - |
| Hamilton | 6 | - | - | - | - | - | - | - | - |
| Henderson | - | 1 | - | 1 | - | - | - | - | - |
| Jackson | - | 1 | - | 1 | - | - | - | - | - |
| Jasper | 2 | - | - | - | - | - | - | - | - |
| Jefferson | 5 | 1 | - | 1 | - | - | - | - | - |
| Lawrence | 9 | 17 | 7 | 3 | - | 7 | - | - | - |
| Macon | 1 | 1 | - | 1 | - | - | - | - | - |
| Macoupin | 1 | - | - | - | - | - | - | - | - |
| Madison | 1 | 1 | - | 1 | - | - | - | - | - |
| Marion | 11 | 6 | 1 | 4 | - | - | 1 | - | - |
| Monroe | 2 | - | - | - | - | - | - | - | - |
| Perry | 1 | 1 | - | 1 | - | - | - | - | - |
| Piatt | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 4 | 5 | 1 | 4 | - | - | - | - | - |
| St. Clair | 1 | - | - | - | - | - | - | - | - |
| Saline | 2 | 2 | 1 | 1 | - | - | - | - | - |
| Staggamon | 4 | 1 | - | 1 | - | - | - | - | - |
| Vermilion | 1 | - | - | - | - | - | - | - | - |
| Wabash | 13 | 6 | - | 1 | 2 | - | - | - | - |
| Washington | 2 | - | - | - | - | - | - | - | - |
| Wayne | 24 | 17 | 14 | 1 | 1 | - | 1 | - | - |
| White | 12 | 8 | 4 | 4 | - | - | - | - | - |
| Williamson | - | 1 | - | 1 | - | - | - | - | - |
| | 168 | 152 | 49 | 43 | 3 | 48 | 8 | - | 1 |

^oIssued by Department of Mines and Minerals, Springfield, Illinois, July 30, 1976, through September 2, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, August 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 1 | - | - | - | - | - | - |
| Henry | 9 | - | - | - | - | - | - |
| Iroquois | - | 1 | - | - | - | 1 | - |
| Kankakee | - | 5 | - | 2 | - | 3 | - |
| Knox | 1 | - | - | - | - | - | - |
| LaSalle | 2 | - | - | - | - | - | - |
| Livingston | 1 | 1 | 1 | - | - | - | - |
| McLean | - | 3 | 3 | - | - | - | - |
| Montgomery | - | 1 | - | 1 | - | - | - |
| | 14 | 11 | 4 | 3 | - | 4 | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, July 30, 1976, through September 2, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

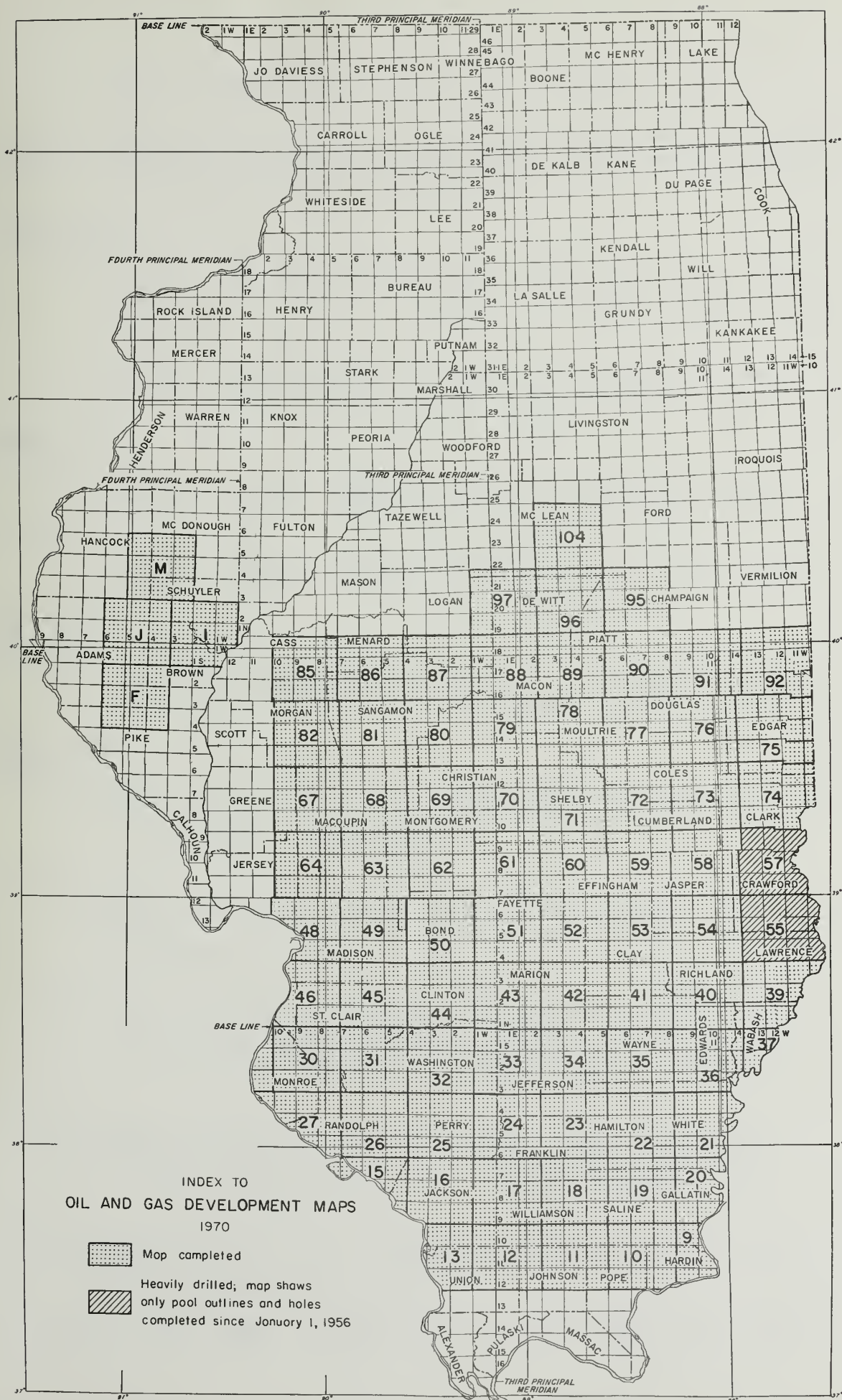
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM JULY 31, 1976 TO AUGUST 27, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

6, SW SW NW. John Murphy #1 Scarbrough. Spd. 6-1-76 (est.) Comp.
6-30-76 (est.) TD 720'. IP temp. abd. Galena, top 715' (approx.)
WF

12, NW NW NW. Claude McElvain #2-A Doole. Spd. 6-28-76. Comp. 7-19-76.
TD 658'. D&A. Devonian, top 652'. Kellerville.

BROWN COUNTY

2S, 3W

35, SE NE NW. George S. Ankarlo #1 Saxer. Spd. 8-20-76. Comp.
8-24-76. TD 625'. D&A. Maquoketa, top 600' (approx.). WF

2S, 4W

3, SW SW NW. Gerald E. Borelli #8 Oblaender. Spd. 5-17-76, Comp.
7-30-76. TD 670'. Oil Prod. NA. Silurian, top 643'. Buckhorn.

CASS COUNTY

18N, 10W

20, C S/2 SW NW. Douglas Kane #1 Hardwick. Spd. 10-3-76. Comp.
4-1-73 (est.) TD 770?. D&A. Maquoketa, top 760' (approx.) WF.

CLAY COUNTY

2N, 7E

10, 330'SL, 390'EL of SE. James F. McCollum #1-A O. Benskin. Spd.
8-2-73. Comp. 8-20-73. TD 2975'. IP temp. abd. Aux Vases,
top 2967'. Clay City Consol

2N, 8E

9, NW NE SW. Larry A. Hudson #4 Buchanan. Spd. 6-11-76. Comp. 7-27-76.
TD 3680'. IP 60 BOP/80 BW. Salem, top 3552', mca. Clay City
Consol.

9, NW NW SW. Union Oil of Calif. #1 Wm. E. Staley. OWDD. Was Pure
Oil Co. #1 Staley. Was McClosky producer. OTD 3195'. Comp.
9-16-37. Recom. 8-11-76. DTD 3701'. IP 10 BOP/10 BW.
Salem, top 3624'. Clay City Consol.

3N, 7E

2, SE NE SE. Hagen Oil Co. #1 L. Reichman. Spd. 5-4-76. Comp.
8-10-76. TD 2976'. IP 42 BOP. McClosky, top 2966', mca.
Sailor Springs Consol.

4N, 7E

27, 430'NL, 330'EL, SE SW. Woodrow Franklin #5 H. Franklin. Abd. loc.
Sailor Springs Consol.

36, NW SW SW. James C. Franklin #3 R. Franklin. Abd. loc. Sailor
Springs Central.

CLAY COUNTY (continued)

4., 7E

36, SW SE SW. James C. Franklin #5 R. Franklin. Abd. loc. Sailor Springs Central.

CRAWFORD COUNTY

6N, 13W

- 15, 2543'SL, 983'WL, SW. Marathon Oil Co. #SS-5 Bassom & Siler M-1. Spd. 3-18-75. Comp. 3-5-76. TD 960'. Water input. Robinson, top, 923'. Main Consol.
- 15, 2543'SL, 517'WL, SW. Marathon Oil Co. #SS-3 Bassom & Siler M-1. Spd. 3-17-75. Comp. 3-3-76. TD 960'. Water input. Robinson, top 918'. Main Consol.
- 15, 1984'SL, 65'WL, SW. Marathon Oil Co. #W-1 Bassom & Siler M-1. Spd. 6-16-75. Comp. 2-12-76. TD 951'. Water input. Robinson, top, 903'. Main Consol.
- Irr. 15, 994'SL, 2053'WL, SW. Marathon Oil Co. #Q-13 W. Mann M-1. Spd. 10-23-74. Comp. 1-14-76. TD 925'. Water input. Robinson, top 869'. Main Consol.
- 15, NE SE SW. Marathon Oil Co. #Q-15 W. Mann M-1. Conv. Was Robinson producer. Comp. 1-14-76. COTD 948'. Water input. Robinson, top 877' (GL). Main Consol.
- Irr. 15, 1324'SL, 1370'WL, SW. Marathon Oil Co. #S-9 W. Mann M-1. Spd. 12-27-74. Comp. 1-14-76. TD 940'. Water input. Robinson, top 378'. Main Consol.
- 15, 220'SL, 220'EL, NE SW. Marathon Oil Co. #S-15 W. Mann M-1. Conv. Was Robinson producer. Comp. 1-14-76. COTD 922'. Water input. Robinson, top 873' (est.) Main Consol.
- 15, 2543'SL, 1450'WL, SW. Marathon Oil Co. #SS-7 W. Mann M-1. Spd. 3-25-75. Comp. 3-10-76. TD 950'. Water input. Robinson, top 916'. Main Consol.
- 15, 2543'SL, 1917'WL, SW. Marathon Oil Co. #SS-9 W. Mann M-1. Spd. 4-4-75. Comp. 3-12-76. TD 950'. Water input. Robinson, top 888'. Main Consol.
- 15, 2543'WL, 2383'WL, SW. Marathon Oil Co. #SS-11 W. Mann M-1. Spd. 6-18-75. Comp. 3-17-76. TD 940'. Water input. Robinson, top 884'. Main Consol.
- 15, 400'SL, 250'EL, NE SW. Marathon Oil Co. #U-15 W. Mann M-1. Conv. Was Robinson sand producer. Comp. 1-14-76. COTD 980'. Water input. Robinson, top 885'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 12W

- 15, 3010'SL, 75'WL, Sec. Marathon Oil Co. #UU-1 A. Riker M-1. Spd. 4-30-75. Comp. 3-19-76. TD 980'. Water input. Robinson Sand, top 918'. Main Consol.
- 15, 3010'SL, 517'WL, Sec. Marathon Oil Co. #UU-3 A. Riker M-1. Spd. 5-3-75. Comp. 3-23-76. TD 1000'. Water input. Robinson, top 928' (est.) Main Consol.
- 15, 3010'SL, 983'WL, Sec. Marathon Oil Co. #UU-5 A. Riker M-1. Spd. 5-6-75. Comp. 3-25-76. TD 990'. Water input. Robinson, top 903'. Main Consol.
- 15, 50'SL, 710'WL, SW. Marathon Oil Co. #K-5 R. A. Siler M-1. Spd. 1-24-75. Comp. 2-3-75. TD 935'. Junked hole. Robinson, top 878'. Main Consol.
- 15, 664'SL, 710'WL, SW. Marathon Oil Co. #O-5 R. A. Siler M-1. Spd. 2-31-75. Comp. 2-13-76. TD 935'. Water input. Robinson, top 872'. Main Consol.
- 15, 994'SL, 710'WL, SW. Marathon Oil Co. #Q-5 R. A. Siler M-1. Spd. 2-17-75. Comp. 1-26-76. TD 940'. Water input. Robinson, top 891'. Main Consol.
- 15, 994'SL, 1040'WL, SW. Marathon Oil Co. #Q-7 R. A. Siler M-1. Spd. 2-19-75. Comp. 2-10-76. TD 940'. Water input. Robinson, top 878'. Main Consol.
- 15, 169'SL, 2919'WL, Sec. Marathon Oil Co. #II-13 Wakefield Hrs. M-1. Spd. 5-14-75. Comp. 1-26-76. TD 945'. Water input. Robinson, top, 901'. Main Consol.
- 15, 169'SL, 3433'WL, Sec. Marathon Oil Co. #II-15 Wakefield Hrs. M-1. Spd. 5-16-75. Comp. 1-29-76. TD 940'. Water input. Robinson, top 907'. Main Consol.
- 15, 169'SL, 3947'WL, Sec. Marathon Oil Co. #II-17 Wakefield Hrs. M-1. Spd. 6-26-75. Comp. 2-2-76. TD 945'. Water input. Robinson, top 910'. Main Consol.
- 15, 661'SL, 2919'WL, Sec. Marathon Oil Co. #KK-13 Wakefield Hrs. M-1. Spd. 5-21-75. Comp. 2-4-76. TD 945'. Water input. Robinson, top 924'. Main Consol.
- 15, 661'SL, 3433'WL, Sec. Marathon Oil Co. #KK-15 Wakefield Hrs. M-1. Spd. 6-25-75. Comp. 2-6-76. TD 950'. Water input. Robinson, top 901'. Main Consol.
- 15, 1153'SL, 2919'WL, Sec. Marathon Oil Co. #MM-13 Wakefield Hrs. M-1. Spd. 5-27-75. Comp. 2-11-76. TD 955'. Water input. Robinson, top 921'. Main Consol.

CRAWFORD COUNTY (continued)

CN, 13W

- 15, 1153'SL, 3433'WL, Sec. Marathon Oil Co. #MM-15 Wakefield Hrs. M-1.
Spd. 4-24-75. Comp. 2-13-76. TD 936'. Water input. Robinson,
top 902'. Main Consol.
- 15, 1645'SL, 2919'WL, Sec. Marathon Oil Co. #00-13 Wakefield Hrs. M-1.
Spd. 5-31-75. Comp. 2-18-76. TD 958'. Water input. Robinson,
top 912'. Main Consol.
- 15, 1645'SL, 3433'WL, Sec. Marathon Oil Co. #00-15 Wakefield Hrs. M-1.
Spd. 6-17-75. Comp. 2-20-76. TD 933'. Water input. Robinson,
top 904'. Main Consol.
- 15, 2127'SL, 2919'WL, Sec. Marathon Oil Co. #QQ-13 Wakefield Hrs. M-1.
Spd. 6-7-75. Comp. 2-25-76. TD 955'. Water input. Robinson,
top 909'. Main Consol.
- 15, 75'SL, 2030'WL, SW. Marathon Oil Co #K-13 C. I. Weirich M-1. Spd.
4-1-75. Comp. 1-14-76. TD 930'. Water input. Robinson, top
899'. Main Consol.
- Irr. 15, 50'SL, 2360'WL, SW. Marathon Oil Co. #K-15 C. I. Weirich M-1.
Spd. 12-11-74. Comp. 1-14-76. TD 946'. Water input. Robinson,
top 893'. Main Consol.
- Irr. 15, 334'SL, 1370'WL, SW. Marathon Oil Co. #M-9 C. I. Weirich M-1.
Spd. 11-12-74. Comp. 1-14-76. TD 930'. Water input. Robinson,
top 863'. Main Consol.
- 15, 330'SL, 1010'EL, SW. Marathon Oil Co. #M-11 C. I. Weirich M-1.
Conversion. Was Robinson Sand producer. Comp. 2-4-76. COTD
914'. Water input. Robinson, top 860'. Main Consol.
- Irr. 15, 334'SL, 2030'WL, SW. Marathon Oil Co. #M-13 C. I. Weirich M-1.
Spd. 5-27-75. Comp. 1-14-76. TD 935'. Water input. Robinson,
top 861'. Main Consol.
- 15, SE SE SW. Marathon Oil Co. #M-15 C. I. Weirich M-1. Conv. Was
Robinson Sand producer. Comp. 1-14-76. COTD 933'. Water input.
Robinson, top 882' (GL) Main Consol.
- 16, 2543'SL, 50'EL, SE. Marathon Oil Co. #SS-1 Sally Carlisle M-1.
Spd. 3-4-75. Comp. 2-27-76. TD 955'. Water input. Robinson,
top 921'. Main Consol.
- 16, 1654'SL, 50'EL, SE. Marathon Oil Co. #U-1 Sally Carlisle M-1.
Spd. 8-1-75. Comp. 1-23-76. TD 950'. Water input. Robinson,
top 903'. Main Consol.
- 16, 994'SL, 50'EL, SE. Marathon Oil Co. #Q-1 F. L. Dewey et al M-1.
Spd. 7-31-75. Comp. 1-15-76. TD 945'. Water input. Robinson,
top 877'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 21, C W/2 NE SW. Marathon Oil Co. #CT 1 M. Haws. Spd. 8-27-75.
Comp. 8-30-75. TD 990'. Oil well, IP NA. Robinson, top 920',
nat. Main Consol.
- 21, C W/2 E/2 SW. Marathon Oil Co. #CT 2 M. Haws. Spd. 8-30-75.
Comp. 9-3-75. TD 990'. Oil well, IP NA. Robinson, top 932',
nat. Main Consol.
- 23, NE NW SE. George N. Whiston #1 Blanche E. Allen. Spd. 9-24-75.
Comp. 7-27-76. TD 1025'. IP 2 BOP. Robinson, top 1015', shot.
Main Consol.

7N, 12W,

- 9, SE NE NE. Don W. Slater #2 Estel & Euma Osborn. Abd. loc. Main
Consol.
- 10, NE SE NW. Don W. Slater #2 Harold Gray. Abd. loc. Main Consol.
- 10, SW NE SW. Don W. Slater #4 Morris L. Gurley. Abd. loc. Main
Consol.
- 11, 337'NL, 330'WL, NW. Don W. Slater #1 C. H. Correll. Spd. 6-20-76.
Comp. 7-5-76. TD 1085'. IP 18 BOP/70 BW. Robinson, top 1042',
frac. Main Consol.
- 11, C W/2 NW NW. William R. Mason #W-1 Claude Correll. Spd. 6-29-76.
Comp. 7-13-76. TD 1069'. IP 35 BOP/110 BW. Robinson, top 1004',
frac. Main Consol.

7N, 14W

- 1, 324'NL, 330'WL, SW. Warren C. Dillman #1 Vern Davis. Spd. 3-5-76.
Comp. 7-6-76. TD 1026'. IP 24 BOP/168 BW. Robinson, top 928',
frac. Main Consol.
- 12, NE SE SE. The MacDonnel Co. of Lima #1 Lewis P. Cain. Spd. 7-3-76.
Comp. 7-28-76. TD 970'. IP 6 BOP. Robinson, top 921', mca &
frac. Main Consol.

8N, 13W

- 31, NW NW SE. Dr. Kent L. Wattleworth & Walter L. Bunn #1 K. Dart.
Spd. 7-6-76. Comp. 7-4-76. TD 1465'. D&A. Aux Vases, top
1414'. Main Consol.
- 35, 330'SL, 360'WL, SW. Billy R. Rector #3-A Ikemire Heirs-McCoy.
Spd. 5-4-76. Comp. 7-19-76. TD 1228'. IP 15 BOP/7 BW. Robin-
son, top 932', frac. Main Consol.

CUMBERLAND COUNTY

9N, 7E

- 31, C N/2 NW SW. W. L. Belden #2 Florence. Spd. 6-28-75. Comp.
8-30-75. TD 2499'. IP 3 BOP/88 BW. McClosky, top 2470', acid.
Lillyville.

CUMBERLAND COUNTY (continued)10N, 10E

- 12, 829'SL 169'WL SE SW. Marathon Oil Co. #T-1 Haworth Hrs. Spd. 3-8-75. Comp. 3-10-75. TD 392'. Water input. Siggins, top 325'. Siggins.
- 12, 817'SL, 1217'WL, SE SW. Marathon Oil Co. #T-2 Haworth Hrs. Spd. 3-3-75. Comp. 3-7-75. TD 378'. Water input. Siggins, top 313'. Siggins.
- 12, 426'SL, 1120'WL, SE SW. Marathon Oil Co. #T-3 Haworth Hrs. Spd. 11-17-75. Comp. 11-26-75. TD 360'. Water input. Siggins, top 300'. Siggins.
- 12, 822'SL, 1228'WL, SE SW. Marathon Oil Co. C. T. T2-01 Haworth Hrs. Spd. 12-9-75. Comp. 2-13-76. TD 376'. Waterflood observation. Siggins Sand, top 313'. Siggins.
- 12, 826'SL, 1235'WL, SE SW. Marathon Oil Co. C. T. T2-02 Haworth Hrs. Spd. 12-10-75. Comp. 2-13-76. TD 374'. Waterflood observation. Siggins, top 314'. Siggins.
- 12, 446'SL, 1120'WL, SE SW. Marathon Oil Co. #T3-01 Haworth Hrs. Spd. 11-10-75. Comp. 11-12-75. TD 382'. Observation well. Siggins Sand, top 308', Siggins.
- 12, 454'SL, 1120'WL, SE SW. Marathon Oil Co. #T3-02 Haworth Hrs. Spd. 11-13-75. Comp. 11-17-75. TD 382'. Observation. Siggins, top 309'. Siggins.
- 12, 426'SL, 682'WL, SE SW. Marathon Oil Co. T-4 Haworth Hrs. Spd. 12-4-75. Comp. 12-8-75. TD 372'. Water input. Siggins, top 319'. Siggins.
- 12, 446'SL, 682'WL, SE SW. Marathon Oil Co. T-4-01 Haworth Hrs. Spd. 12-2-75. Comp. 12-3-75. TD 392'. Observation. Siggins, top 312'. Siggins.
- 12, 454'SL, 682'WL, SE SW. Marathon Oil Co. T-4-02 Haworth Hrs. Spd. 11-26-75. Comp. 12-2-75. TD 400'. Observation. Siggins, top 326'. Siggins.

DOUGLAS COUNTY15N, 7E

- 24, SW SE NW. Elton M. Betts #A-1 Cline. Spd. 10-18-75. Comp. 8-3-76. TD 2747'. Temp. abd. Devonian, top 2709'. Bourbon Consol.

EMGAR COUNTY13N, 13W

- 9, C WL NW NW SE. Robison & Associates #12 Faber Lease #2. Spd. 6-21-76. Comp. 7-27-76. TD 444'. IP 6 BOP/3 BW. Dudley, top 421'. Dudley.

EDWARDS COUNTY

1N, 10E

Irr. 7, 330'SL, 330'EL, NE. Energy Resources Corp. #2 Blood. Junked hole. COTD 1769'. Comp. 8-10-76 (approx.) Maple Grove Consol.

22, SE SW SE. Spartan Petroleum Co. #1 Leonard Garman. Spd. 6-8-76. Comp. 7-27-76. TD 4015'. IP 8 BOP. Salem, top 3846', acid.

EXTENSION TO SAMSVILLE W, NEW PAY.

29, NW NW NW. Frank Yockey #1 Bennett. Spd. 7-7-76. Comp. 8-5-76. TD 3239'. IP 41 BOP/3 BW. Aux Vases, top 3150', frac. Maple Grove Consol.

2S, 14W

16, NW NW NW. John M. Zanetis #1 M. Bass. Spd. 7-19-76. Comp. 7-25-76. TD 2895'. D&A. Benoist, top 2836'. Browns South.

32, NW SE NW. Laurent Oil Co. #1 Vern Cowling et al. Spd. 12-13-75. Comp. 7-19-76. TD 3095'. IP 15 BOP. Spar Mt., top 3076', mca & acid. Albion East.

32, NE SW NW. O. H. & F., Inc. #1 Frank Fieber. Abd. loc. Albion East.

EFFINGHAM COUNTY

8N, 4E

Irr. 18, 330'NL, 330'WL, NE NW. M. L. Niemeyer #1 Nuxoll. OWWO. Was J. M. Zanetis #1 C. M. Patterson. Was Cypress producer. OTD 1557'. Comp. 9-14-54. Plugged 5-25-76. Recom. 7-26-76. COTD 1557'. IP 10 BOP/155 BW. Cypress, top 1552', frac. Loudon.

9N, 4E

31, SE SE NW. James A. Gray #1 Vera Donaldson. Spd. 6-8-76. Comp. 7-7-76. TD 1920'. IP 3 BOP/80 BW. Cypress, top 1570', frac. Loudon.

FAYETTE COUNTY

9N, 3E

35, 430'NL, 330'EL, SE NE. Time Oil Inc. #1 Dunaway. Spd. 3-7-76. Comp. 7-20-76. TD 1660'. IP 5 BOP. Paint Creek, top 1594', frac. Loudon.

FRANKLIN COUNTY

5S, 2E

29, 595'NL, 240'EL, SE. L. L. Tuck #1-E U. S. Army. Spd. 7-7-76. Comp. 7-14-76. TD 2835'. D&A. Spar Mtn., top 2750' (approx.) Sesser Consol

5S, 3E

Irr. 19, 330'SL, 330'EL, NE NW. H & W Oil Co., Inc. #3 Jungbecker. Spd. 11-29-75. Comp. 7-26-76. TD 3080'. IP 17 BOP/35 BW. Spar Mtn, top 2847', acid, McClosky, top 2874', acid, St. Louis, top 2992', acid. Whittington.

FRANKLIN COUNTY (continued)

6S, 3E

- 31, 148'SL, 117'EL, NE SW. R. K. Petroleum Corp. #1 Freeman (SWD).
Conversion. Was E. E. Rhen #1 Freeman. Was Aux Vases producer.
Comp. 2-26-75. COTD 2754'. SWD. Aux Vases, top 2747'.
Benton.

1S, 4E

- 35, NW SW NW. Fletcher F. Farrar #1 Burr Oak-Manis. Spd. 6-20-76.
Comp. 7-28-76. TD 3240'. IP 32 BOP/2 BW. Aux Vases, top 3054'.
Akin.

7S, 3E

- 32, 295'NL, 310'EL, SW SW. Joe A. Dull #2-B Drone. Spd. 7-5-76.
Comp. 7-13-76. TD 2851'. D&A. Ohara, top 2840'. West Frank-
fort Consol.

GALLATIN COUNTY

7S, 9E

- 24, C NW SE. Collins Brothers Oil Co. #7 Simpson. Junked hole, Comp.
7-10-76. TD 2759'. Herald Consol.

7S, 10E

- 30, NE NE SE. Slagter Producing Corp. #1 Wilson Comm. Spd. 6-9-76.
Comp. 7-17-76. TD 2983'. IP 86 BOP/0 BW. McClosky, top 2968'.
Herald Consol.

8S, 10E

- 10, SE NW NW. George N. Mitchell Drlg. Contractor #1 Skates. Spd.
4-14-76. Comp. 8-17-76. TD 2428'. IP 8 BOP. Cypress, top
2420', shot. Inman East Consol.

- 10, NE NW NW. George N. Mitchell Drlg. Contractor #2 Skates. Spd.
7-20-76. Comp. 7-28-76. TD 2440'. D&A. Cypress, top 2406'.
Inman East Consol.

HENDERSON COUNTY

11N, 5W

- 36, C N/2 NE NW. Miller Oil & Gas Co. #1 Biggers. Spd. 3-3-72. Comp.
8-12-75. TD 1030'. D&A. Trenton, top 720' (approx.) WF.
Erroneously reported as abd. loc. in June, 1973 Drlg. Report.

IROQUOIS COUNTY

29N, 10E

- 15, 10'SL, 13'EL, NW. Natural Gas Pipeline Co. #0-1 White. Spd.
8-2-76. Comp. 8-19-76. TD 545'. Gas storage observation.
Galena, top 343'. Herscher Gas Storage Field.

JACKSON COUNTY

7S, 5W

- 36, SW NW SW. Jackson County Oil Promoters #1 Dierks. Spd. 7-28-76.
Comp. 8-8-76. TD 2340'. D&A. Devonian, top 2140 (approx.) WF.

JEFFERSON COUNTY

1S, 1E

30, SE SW NW. N. A. Baldrige #4 Wacker. Spd. 7-11-76. Comp.
7-26-76. TD 1984'. D&A. Benoist, top 1956'. Irvington East.

KANKAKEE COUNTY

29N, 10E

3, 13'SL, 10'EL, SW SE NW. Natural Gas Pipeline Co. #0-1 Henning.
Spd. 6-21-76. Comp. 7-14-76. TD 536'. Gas storage observation.
Galena, top 330'. Herscher Gas Storage Field.

10, 10'NL, 13'EL, SW. Natural Gas Pipeline Co. #0-3 Mau. Spd.
7-14-76. Comp. 7-31-76. TD 533'. Gas storage observation.
Galena, top 334'. Herscher Gas Storage Field.

30N, 9E

Irr. 4, 68'SL, 990'EL, NE. Nat'l Gas Pipeline #1 F. D. King. Spd.
6-5-75. Comp. 6-29-75. TD 2487'. Gas injection-withdrawal.
Mt. Simon, top 2207'. Herscher NW Gas Storage Field.

Irr. 4, 91'NL, 1128'EL, NE. Nat'l Gas Pipeline #2 F. D. King. Spd.
5-11-75. Comp. 5-27-75. TD 2493'. Gas injection-withdrawal.
Mt. Simon, top 2214'. Herscher NW Gas Storage Field.

31N, 9E

34, 30'NL, 100'EL, SW. Nat'l Gas Pipeline #1 M. K. O'Reilly. Spd.
7-2-75. Comp. 7-14-75. TD 2492'. Gas storage observation.
Mt. Simon, top 2242'. Herscher NW Gas Storage Field.

LAWRENCE COUNTY

2N, 12W

13, 330'NL, 600'WL, NW. Buckeye Oil Co. #21 Gerald Spidel. Spd.
6-17-76. Comp. 8-10-76. TD 1946'. D&A. Spar Mtn., top 1905'.
Lawrence.

27, SE SW SW. Buckeye Oil Co., Inc. #1 Saltsgaver et al. Unit. Spd.
6-18-76. Comp. 7-14-76. TD 2436'. IP 15 BOP. Spar Mtn., top
2224', acid. Allendale.

2N, 13W

15, 430'NL, 330'WL, NE SW. Loeb & Mitchell Oil Co. #1-A John Brian.
Spd. 7-13-76. Comp. 7-17-76. TD 2680'. D&A. Spar Mtn., top
2650' (approx.) Lancaster.

3N, 12W

17, 500'SL, 500'WL, SE. George H. Baldwin #77 Charles O'Donnell.
Spd. 12-15-74. Comp. 6-30-76. TD 1970'. IP 17 BOP/170 BW.
Buchanan, top 1328', nat. Lawrence.

17, 629'NL, 625'EL, SW. Marathon Oil Co. #24 W. H. Rogers. Conver-
sion. Was Cypress water input. Comp. 6-10-76. COTD 1425'.
IP 6 BOP/514 BW. Buchanan, top 1296'. Lawrence.

LAWRENCE COUNTY (continued)

3N, 13W

13, 330'SL, 430'WL, NW SW. Reinhold Oil Producers #1 Staats. Spd. 6-12-76. Comp. 8-10-76. TD 2250'. IP 32 BOP. Aux Vases, top 2094', acid & frac. Lawrence West.

14, SE NW NE. Reinhold Oil Producers #3-A Johnston. Spd. 6-18-76. Comp. 7-27-76. TD 2308'. IP 52 BOP. McClosky, top 2273', acid & frac. Lawrence West.

21, 370'SL, 330'EL, SE. Farmers Petroleum Cooperative, Inc. #1 Bennett Bros. Spd. 8-13-76. Comp. 8-17-76. TD 2690'. D&A. McClosky, top 2680'. WN-Sumner South.

4N, 11W

2, C N/2 SW SW. Perry Fulk #2 Langford Comm. Spd. 7-24-76. Comp. 8-7-76. TD 1700'. IP 31 BOP. Spar Mtn., top 1677', acid. Pinkstaff East.

4N, 12W

29, 660'SL, 655'WL, NW NW. Marathon Oil Co. #TB-24 W. R. Crackle A/C 1. Spd. 5-25-76. Comp. 5-29-76. TD 1377'. Water input. Bridgeport, top 827', Cypress, top 1320'. Lawrence.

29, 703'SL, 660'WL, NW SW. Marathon Oil Co. #TB-26 J. B. Lewis. Spd. 6-15-76. Comp. 6-16-76. TD 1020'. Water input. Bridgeport, top 846'. Lawrence.

29, 635'SL, 30'EL, NE SW. Marathon Oil Co. #UB-26 J. B. Lewis. Spd. 6-11-76. Comp. 6-15-76. TD 1018'. Water input. Bridgeport, top 831'. Lawrence.

29, 660'NL, 646'WL, NE SW. Marathon Oil Co. #VB-26 J. B. Lewis. Spd. 6-10-76. Comp. 6-11-76. TD 1018'. Water input. Bridgeport, top 850'. Lawrence.

30, 330'SL, 465'EL, NW. Marathon Oil Co. #MI-2 Oliver Baltzell. Spd. 5-22-75. 7-9-75. TD 1475'. Water input. Cypress, top 1373'. Lawrence.

30, 327'SL, 457'EL, NW. Marathon Oil Co. #MI-2C Oliver Baltzell. Spd. 12-11-75. Comp. 2-13-76. TD 1438'. Waterflood observation. Cypress, top 1380'. Lawrence.

30, 40'SL, 25'EL, NW. Marathon Oil Co. #NB-25 Oliver Baltzell. Spd. 7-22-76. Comp. 7-23-76. TD 1003'. Water input. Bridgeport, top 820'. Lawrence.

30, 692'NL, 660'EL, NW NE. Marathon Oil Co. #33 Isaac Boyd. Spd. 6-9-76. Comp. 7-25-76. TD 3115'. IP 71 BOP/243 BW. Devonian, top 2904', frac. Lawrence.

32, 632'SL, 599'EL, NW. Marathon Oil Co. #34 Robert Middagh. Spd. 5-14-76. Comp. 6-24-76. TD 3160'. IP 150 BOP/284 EW. Devonian, top 2954', acid & frac. Lawrence.

LAWRENCE COUNTY (continued)5N, 10W

31, NE SE NW. John E. Brown, Jr. #1 Van Gilder. Abd. loc. Russellville.

MACON COUNTY15N, 1E

30, NE SW NE. Comanche Oil Corp. #1 Bafford. Spd. 7-31-76. Comp. 8-17-76. TD 2125'. D&A. Silurian, top 2076'. WF

MADISON COUNTY6N, 6W

22, SE SW NW. John T. Mitchell #2-A Sievers. Spd. 7-27-76. Comp. 8-5-76. TD 600'. D&A. Pennsylvanian, top 560 (approx.) Livingston South.

MARION COUNTY1N, 2E

Irr. 6, 660'SL, 330'EL, SW NE. Texaco, Inc. #11 C. E. Bundy, O/A Salem Unit, Tract 144. Conversion. Was Devonian producer, deepened to Trenton producer, converted to Aux Vase water input. Comp. 7-23-76. COTD 3430'. IP 26 BOP/234 BW. Devonian, top 3368'. Salem Consol.

1N, 3E

19, SE SE SW. G. A. M. Oil Co. #2 James Brasel. Spd. 10-31-75. Comp. 12-75. TD 2950'. IP 10 BOP/0 BW. St. Louis, top 2662', acid, Salem, top 2788', acid. Kell North.

1N, 4E

24, SE SW NW. Omega Exploration, Inc. #1 Knight. Spd. 7-6-76. Comp. 7-13-76. TD 2985'. D&A. St. Louis, top 2963'. WN-Orchardville North.

2N, 2E

20, 1537'SL, 708'EL, SE. Texaco Inc. #17C D. S. Young Heirs, O/A Salem Unit, Tract 37. Conversion. Was Shell Oil Co. #17C Young Heirs. Was temp. abd. Devonian producer. Comp. 8-19-76. COTD 1862'. Water input. Aux Vases, top 1822'. Salem Consol.

3N, 1E

14, NW SE SE. Ego Oil Co. #1 J. Henry Meredith. Spd. 8-9-75. Comp. 8-12-75. TD 1920. D&A. McClosky, top 1883'. WF.

3N, 2E

14, SW NW NE. Ego Oil, Inc. #1 Buddy Maxey et al. Spd. 8-26-75. Comp. 8-30-75. TD 2443'. D&A. McClosky, top 2374'. WF.

3N, 3E

32, SW SW NW. Perry Fulk #1 D. Stevenson. Spd. 6-28-76. Comp. 7-17-76. TD 2403'. IP 108 BOP/21 BW. Spar Mtn., acid. Brubaker.

MARION COUNTY (continued)

3N, 3E

32, NW SW NW. Perry Fulk #2 Stevenson. Spd. 8-5-76. Comp. 8-9-76.
TD 2430'. D&A. Fredonia, top 2390'. Brubaker.

MONTGOMERY COUNTY

9N, 3W

4, 1620'NL, 151'WL, NW. Illinois Power Co. #2 Truitt. Spd. 4-27-76.
Comp. 5-16-76. TD 3300'. Gas injection-withdrawal. St. Peter,
top 3176'. Hillsboro Gas Storage Field.

PERRY COUNTY

5S, 1W

4, NE SE SW. Leonard E. Bixby #2 Majewski. Spd. 7-30-76. Comp.
8-2-76. TD 1199'. D&A. Cypress, top 1160' (approx.) Tamaroa
South.

PLATT COUNTY

16N, 6E

24, NW NW NE. John W. Fawcett #2 John W. Harshbarger. Spd. 7-18-76.
Comp. 7-22-76. TD 2589'. D&A. Silurian, top 2554'. WF.

RICHLAND COUNTY

3N, 9E

Irr. 18, 330'SL, 330'EL, SE. Bernard Podolsky #2 Clark Comm. Spd.
12-1-75. Comp. 7-19-76. TD 2007'. IP 26 BOP. McClosky, top
2971', mca. Clay City Consol.

4N, 10E

1, SE NW NE. Lahoil, Inc. #1 K. Burgener. Spd. 7-28-76. Comp.
8-17-76. TD 3096'. D&A. McClosky, top 3073'. Olney Consol.

25, SW NW SE. Robert B. Britton #1 K. Stangle. Spd. 7-15-76. Comp.
7-23-76. TD 3200'. D&A. Ste. Genevieve, top 3085' (approx.)
Olney Consol.

4N, 14W

27, SE SW NE. Donald L. Lewis #1 Crum. Spd. 7-1-76. Comp. 7-10-76.
TD 3227'. D&A. St. Louis (?), top 3076'. WN-Amity West.

5N, 10E

25, SE NW NW. Robison Oil Co. #1 Katro. Spd. 7-19-76. Comp. 7-27-76.
TD 3025'. D&A. Ste. Genevieve, top 2950'. Olney Consol.

SALINE COUNTY

8S, 5E

33, 215'NL, 480'WL, NW. Santoro Oil Co., Inc. #1 Ralph L. Owen et
al. Spd. 4-5-76. Comp. 6-9-76. TD 3076'. IP 6 BOP. Cypress,
top 2617', frac. EXTENSION TO HARGO.

10S, 5E

15, SE NE SE. A. B. Barrow #2 Clinton Hahn. Spd. 7-23-76. Comp.
8-17-76. TD 3221'. D&A. St. Louis, top 2590'. WF

SANGAMON COUNTY

15N, 2W

- Irr. 7, SE NE NE. John Carey Oil Co., Inc. #2B Allspach. Spd.
7-22-76. Comp. 7-26-76. TD 1782'. D&A. Silurian, top 1754'.
Roby East.

VERMILION COUNTY

17N, 11W

- 10, SW NW SE. Tiger Oil Co. #1 Mabel Beard. OWWO. Was Transamerican
Oil & Gas Co. #1 Beard. D&A. OTD 1502'. Plugged 7-5-75.
Recomp. 8-10-76. COTD 1502'. Temp. abd. Silurian,
top 1432'. WF.

WABASH COUNTY

1N, 12W

- 4, NW NW SW. Loeffler Oil Corp. #5 O. C. Mullinax. Spd. 7-29-76.
Comp. 8-10-76. TD 1565'. D&A. Biehl, top 1545' (approx.)
Allendale.
- 17, NW NE SW. Spartan Petroleum Co. #1 Smith-Harris Comm. Spd.
6-18-76. Comp. 7-20-76. TD 1537'. D&A-SO. Biehl, top 1521'.
Allendale.
- 26, SW SE NW. Gilbert A. Higgins #1 Buchanan et al. Comm. Spd.
8-2-76. Comp. 8-17-76. TD 2377'. D&A. Ohara, top 2304'.
Allendale.

- 25, SE NE NW. Gilbert A. Higgins #2 Chapman. Abd. loc. Allendale.

1N, 13W

- 21, 736'SL, 330'EL, NE. Spartan Petroleum Co. #1 Anderson Brothers.
Spd. 6-11-76. Comp. 6-30-76. TD 3489'. D&A. Salem, top 3095'.
Lancaster South.

2N, 13W

- 36, NE NE SE. Abell Ltd. #1 Abell-Wilber Comm. OWWO. Was Olds Oil.
D&A. OTD 1863'. Comp. 9-18-45. Recom. 8-20-76. TD 1412'.
IP 9 BOP/3 BW. Bridgeport, top 1304', Buchanan, top 1407',
acid. Lancaster East. BUCHANAN NEW PAY.

1S, 13W

- 14, 1520'SL, 330'EL, W/2 NE. Spartan Petroleum Co. #2 Elsie Whyde.
OWWO-OWDD. Was George & Wrather #2 E. Goodson. Was D&A. OTD
2623'. Comp. 6-28-49. Recom. 7-29-76. DTD 3172'. IP
2 BOP/0 BW. Ohara, top 2546'. New Harmony Consol.

WAYNE COUNTY

1N, 7E

- 27, 330'SL, 430'EL, SE. Southern Illinois Oil Prod. #2-A Billington.
Spd. 12-21-75. Comp. 6-14-76. TD 3126'. IP 17 BOP/20 BW. Aux
Vases, top 2994', mca & frac. Clay City Consol.

1N, 8E

- 33, NW NE NE. Robinson Production, Inc. #2 Rinkel. Spd. 6-8-76.
Comp. 8-19-76. TD 3147'. IP 37 BOP/40 BW. Aux Vases, top 2991'.
mca & frac. Clay City Consol.

WAYNE COUNTY (continued)

1N, 9E

- 2, NW SE SE. John M. Zanetis #2-B Meadows. Spd. 6-21-76. Comp. 7-27-76. TD 3367'. IP 10 BOP/50 BW. Spar Mtn., top 3236'. Calhoun South.
- 2, SE NW SE. John M. Zanetis #2 Rutger. Spd. 6-8-76. Comp. 7-27-76. TD 3919'. IP 16 BOP/80 BW. Spar Mtn., top 3252', acid (?). Calhoun South.

2N, 7E

- 24, SW NW NE. Union Oil Co. of Calif. #A-2 E. W. Anderson. Spd. 7-9-76. Comp. 8-6-76. TD 3670'. IP 175 BOP/184 BW. Salem, top 3431', acid & frac. Clay City Consol.
- 24, NE NW NE. Hubert W. Rose #1 Hosselton-Peacock. Spd. 6-2-76. Comp. 7-27-76. TD 3612'. IP 212 BOP/58 BW. Salem, top 3501', acid. Clay City Consol.
- 24, NW NE NW. Hubert W. Rose #1-B Settles. Spd. 5-7-76. Comp. 7-27-76. TD 3760'. IP 50 BOP/lots wtr. Salem, top 3508', acid. Clay City Consol.
- 24, NW SW NE. Hubert W. Rose #1 P. Staley et al. Spd. 5-20-76. Comp. 7-27-76. TD 3627'. IP 150 BOP/10 BW. Salem, top 3430', acid. Clay City Consol.
- 32, NW SW SE. Perry Fulk #1 Knapp. Spd. 5-15-76. Comp. 8-1-76. TD 3950'. IP 35 BOP/175 BW. Salem, top 3561', acid. EXTENSION AND NEW PAY IN RINARD NORTH FIELD.

13, 6E

- Irr. 3, 990'SL, 330'WL, NW SW. C. E. Brehm Drlg. & Prod. #1 Lowe. Spd. 3-4-76. Comp. 3-9-76. TD 3975'. IP 3 BOP/8 BW. Salem, top 3951', acid. Johnsonville Consol.
- 14, 990'NL, 390'EL, SW NE. Fletcher F. Farrar #1-A Paul White. Spd. 6-26-76. Comp. 8-3-76. TD 3810'. IP 42 BOP/73 BW. Salem, top 3742', acid. Johnsonville South.
- 25, NW SW NW. Carl E. Busby #2 A. Gaston. Conversion. Was Aux Vases producer. Comp. 4-1-75. COTD 3261'. Water input. Aux Vases, top 3106'. Clay City Consol.

1S, 8E

- 22, NW SE NW. Juniper Petroleum Corp. #33-22 McGehee-Hardy. OWWO-OWDD. Was Perry Fulk #1 E. E. McLin. Was D&A. OTD 3229'. Comp. 1-6-50. Recomp. 7-22-76. DTD 4038'. D&A. Ullin, top 3910' (approx.) Clay City Consol.

1S, 7E

- 34, SE NW NW. Robert N. Gooch #1 Harris. Spd. 5-17-76. Comp. 8-17-76. TD 4038'. IP 40 BOP/10 BW. Salem, top 3664', acid & frac. Clay City Consol.

WAYNE COUNTY (continued)

1S, 8E

11, C E/2 SW NW. Jenkins Brothers #2 Hinkle. Spd. 8-5-76. Comp. 8-16-76. TD 3890'. D&A. Salem, top 3510' (approx.) Clay City Consol.

22, NE NW NW. Juniper Petroleum Corp. #21-22 Thomason. Spd. 6-28-76. Comp. 8-8-76. TD 4005'. IP 41 BOP/90 BW. Salem, top 3612', acid. Clay City Consol.

1S, 9E

35, SW SW NE. Karen S. Revelle #1 Adams Comm. OWNO. Was Bernard Marks #1 James Adams. Was D&A. OTD 3390'. Comp. 3-26-57. Recomp. 8-10-76. COTD 3390'. IP 8 BOP/190 BW. Ohara, top 3311, mca & acid. Half Moon.

2S, 7E

Irr. 18, 990'NL, 990'WL, SE NE. Hobson Oil Co. #2 Buchanan. Abd. loc. Clay City Consol.

2S, 9E

13, NW SW SW. Runyon Oil Exp., Inc. #1 Erma Winter. Spd. 6-24-76. Comp. 7-30-76. TD 4204'. IP 60 BOP/10 BW. Aux Vases, top 3276', frac., Spar Mtn, top 3374', nat., McClosky, top 3414', acid & frac. Goldengate Consol.

3S, 7E

16, C E/2 SW NW. Hummon Oil Co. #1 Silverman. OWDD. Was Texas Oil Co. #1 Silverman. Was Aux Vases & McClosky producer. OTD 3350'. Comp. 1-15-38. Recomp. 9-11-75. DTD 3368'. IP 5 BOP/55 BW. Aux Vases, top 3193', McClosky, top 3276'. Aden Consol.

WHITE COUNTY

3S, 14W

20, SE NW SE. Petro. -Halogen Corp. #2 Renshaw Comm. Spd. 7-8-76. Comp. 7-28-76. TD 1763'. IP 7 BOP. Pennsylvanian, top 1753'. Phillipstown Consol.

4S, 10E

8, NW SW NW. Kellie R. Sutton #1 Hansman. OWNO. Was Whitmer-Billingsley Drlg. Was Tar Springs producer. OTD 2585'. Comp. 7-66. Plugged 9-28-67. Recomp. 8-3-76. COTD 2585'. Temp. abd. Glen Dean, top 2570'. Centerville East.

13, SE SE NE. Slagter Producing Corp. #1 Kuykendall-Armstrong Comm. Spd. 7-12-76. Comp. 7-17-76. TD 2411'. D&A. Tar Springs, top 2384'. Phillipstown Consol.

4S, 14W

Irr. 19, 330'SL, 330'WL, NW NW. C. E. Brehm Drlg. & Prod. #1 Boultinghouse Comm. OWDD. Was McClosky producer. OTD 3109'. Comp. 2-1-44. Recomp. 7-6-76. DTD 3250'. IP 3 BOP. McClosky, top 3096'. Phillipstown Consol.

WHITE COUNTY (continued)

5S, 8E

9, NW NW NE. R K Petro. Corp. #2 Willard Brockett, Jr. Spd. 7-13-76.
Comp. 8-8-76. TD 3337'. IP 161 BOP. Aux Vases, top 3321',
nat. Enfield North Discovery Well.

19, NE SW NW. Absher Oil Co. #1 Larry Hart. Spd. 7-9-76. Comp.
7-13-76. TD 3545'. D&A. McClosky, top 3486'. Enfield.

19, SW NE NE. Reynolds & Vincent. #1 Lawrence W. Unfried. Spd. 6-5-76.
Comp. 8-10-76. TD 3387'. IP 35 BOP/tr. wtr. Aux Vases, top
3334'. Enfield.

5E, 10E

21, SW NW NW. Eugene E. Morris #1 Frances Calvert. Spd. 7-1-76.
Comp. 8-11-76. TD 3118'. IP 85 BOP. Ohara, top 3110', nat.
Storms Consol.

6S, 10E

10, NW NE SW. Duke Resources Corp. #1 Heather-Williams. Spd. 6-10-76.
Comp. 7-4-76. TD 5315'. D&A. Clear Creek, top 5296'. Concord
Consol.

7S, 11E

29, C N/2 NW NW. C. E. Brehm Drlg. & Prod. #5 Curtis. Spd. 7-12-76.
Comp. 7-31-76. TD 2835'. D&A. Ste. Genevieve, top 2775'
(approx.) New Haven Consol.

WILLIAMSON COUNTY

3S, 1E

11, NW SE SW. Victor R. Gallagher #1 Zeigler Coal Co. North Clifford
Account. Spd. 7-8-76. Comp. 7-16-76. TD 2695'. D&A. Ste.
Genevieve, top 2450'. WN-Clifford. (North Clifford Account)

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH AUGUST 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

ADAMS COUNTY

12-2S-5W, SW NE NE. Claude McElvain #1 Milliron Heirs, formerly Ray F. Starr #10 Mildred Milliron. 603'. 7-26-76. Kallerville.

BOND COUNTY

22-5N-4W, NE SE NE. Arnold Wilson #B-3 K. J. Dillman. 920'. 7-19-76. Old Ripley.

CLARK COUNTY

22-9N-14W, 20'NL, 500'EL, SE NE. Pure Oil Co. #11 L. Weaver (300A). 487'. 7-19-76. (Water input, formerly a producer.) Johnson South.

22-9N-14W, 190'SL, 190'EL, SW NE. Pure Oil Co. #28 L. Weaver. 565'. 7-6-76. Johnson South.

22-9N-14W, 190'SL, 200'WL, SW NE. Pure Oil Co. #30 L. Weaver. 600'. 7-8-76. Johnson South.

22-9N-14W, 740'SL, 180'EL, SW NE. Pure Oil Co. #32 L. Weaver (300A). 584'. 7-2-76. Johnson South.

CLAY COUNTY

13-2N-7E, SE SE SW. Cullum Oil Co. #1 H. C. Gill et al. 2965'. 6-30-76. Clay City Consol.

10-2N-8E, 910'NL, 330'WL, NE. Union Oil Co. of California #1 Holman Consol. 3030'. 7-15-76. Clay City Consol.

2-3N-7E, NE NW NW. C. G. Hardin #1 Paul Franklin. 2891'. 8-2-76. Sailor Springs Consol.

20-5N-7E, SW SW NE. Walter Duncan #1 Hardin-Webster Comm. 2748'. 7-29-76. Sailor Springs Consol.

CRAWFORD COUNTY

5-5N-12W, NW SW SW. Ohio Oil Co. #14 F. M. Price. 1255'. 7-15-76. Main Consol.

EDWARDS COUNTY

Fr. 6-1N-14W, 922'NL, 330'EL, NW NW. Sanders-Fye Drlg. Co. #1 O. A. Brant. 3215'. 7-9-76. Parkersburg Consol.

6-1N-14W, 330'NL, 330'WL, SE NW Frac. Sanders-Fye Drlg. Co. #1 E. Hallquist. 3187'. 7-2-76. Parkersburg Consol.

FAYETTE COUNTY

8-7N-3E, 165'NL, 330'EL, SW SW. Carter Oil Co. #39-W Arnold Unit, formerly Union Products Petro. Co. #4 Ada Morrison. 1531'. 8-5-76. (Water input, formerly a producer.) Loudon.

11-8N-3E, 1650'NL, 330'EL, NE. Carter Oil Co. #1 Wm. Holley. 1565'. 8-6-76. Loudon.

HAMILTON COUNTY

15-6S-5E, NE SW SW. Carter Oil Co. #1 J. D. Lockwood. 3420'. 7-13-76.

(Dual purpose: salt water disposal and producer, formerly a producer.) Dale Consol.

JASPER COUNTY

- 10-6N-10E, NE NE SW. Stewart Producers, Inc. #1-B A. Ritz. 2786'. 7-24-76.
(Water input, formerly a producer.) Clay City Consol.
- 10-6N-10E, 330'SL, 760'WL, SE NW. Stewart Producers, Inc. #2 A. Ritz.
2782'. 7-22-76. Clay City Consol.
- 21-7N-10E, SE NE NE. Robinson Prod., Inc. #2 C. J. McCord, formerly Robinson-Puckett, Inc. 2865'. 6-23-76. Clay City Consol.
- 22-7N-10E, 660'SL, 330'EL, NW. Robinson-Puckett, Inc. #A-4 Chester McCord.
2627'. 6-24-76. (Water input, formerly a producer.) Clay City Consol.
- 26-7N-10E, NE NE SE. Robinson-Puckett, Inc. #1 W. E. Roberts. 2660'.
6-25-76. (Water input, formerly a producer.) Clay City Consol.

LAWRENCE COUNTY

- 35-3N-12W, 700'SL, 660'WL, SW. Ohio Oil Co. #34 T. I. Gould. 1038'. 5-11-76.
Lawrence.
- 29-5N-11W, 440'NL, 160'WL, SE SW. E. L. Whitmer #1 Conover. 898'. 3-23-76.
Main Consol.

MCDONOUGH COUNTY

- 9-4N-4W, 200'WL, 200'NL, NE SE. Snowden Bros. #5 Robinson. 433½'. 6-14-76.
Colmar-Plymouth.
- 15-4N-4W, 200'NL, 220'EL, NW NE. J. B. & W. H. Hazlett #7 Thos. McFadden -
North 80. 495½'. 1-26-76. Colmar-Plymouth.
- 16-4N-4W, 400'SL, 50'EL, SE. Snowden #2 Wm. Conn. 465'. 6-8-76. Colmar-Plymouth.
- 19-4N-4W, 200'NL, 160'EL, SW. Snowden Bros. & Co. #5 Peter Hamm. 454'.
5-27-76. Colmar-Plymouth.

MARION COUNTY

- 20-2N-4E, SW NE SE. Elmer Oelze Jr. #1 Bartley. 2715'. 7-23-76. Iuka
South.

MONTGOMERY COUNTY

- 32-8N-5W, NE NW NW. Geo. Cassens #1 C. W. Keune. 736'. 7-23-76. Mt. Olive.
- 31-11N-5W, 7.5'SL, 330'EL, SW NE. H. R. Randall #1 Dwight Street. 624'.
7-21-76. Waggoner.

RANDOLPH COUNTY

- 20-4S-5W, SE NE NE. Jet Oil Co. #2 Wilson. 2261'. 8-3-76. Tilden.

RICHLAND COUNTY

- 8-3N-9E, SW SW SW. C. G. Hardin #1 W. H. Geis. 2965'. 7-14-76. Clay City
Consol.
- 32-4N-9E, 330'SL, 663'EL, NE. Duncan Bros. #1 Schilling. 3002'. 7-14-76.
Clay City Consol.

SANGAMON COUNTY

- Irr. 7-15N-2W, 330'NL, 990'WL, Lot 2 SW. Hanson Oil Co., Inc. #9 Dowdell.
1804'. 6-30-76. Roby East.
- Irr. 7-15N-2W, 330'NL, 1650'WL, SW. Hanson Oil Co., Inc. #11 Dowdell. 1785'.
7-2-76. Roby East.
- Irr. 7-15N-2W, 990'NL, 990'WL, SW. Homeier Oil Assoc. #4 Dowdell. 1792'.
6-29-76. Roby East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

WAYNE COUNTY

- 8-1N-9E, NE NW SE. Tamarack Petro. Co., Inc. #1 Fred Wells. 3219'. 6-20-76. Mt. Erie North.
- 23-2N-7E, SW SW SW. Charles R. Thomas #1 R. H. Thompson, formerly Gulf States Oil Investment Co., originally Perrine & Perrine. 3781'. 7-21-76. Clay City Consol.
- 25-1S-6E, 660'SL, 660'WL, SE. Union Oil of California #A-3 George Cravens, formerly General American Oil Co. (Unit G-1W), originally Pure Oil Co. 3265'. 6-29-76. (Water input, formerly a producer.) Clay City Consol.
- 27-1S-8E, NW NW SW. Tuley & Carter #1-A J. R. Crews. 3163'. 7-9-76. Clay City Consol.
- 28-1S-8E, NE SE NE. Tuley & Carter #1 A. J. Robertson. 3156'. 7-19-76. Clay City Consol.

WHITE COUNTY

- Irr. 10-4S-14W, 658'NL, 700'WL, SW. Calvin Oil Co. #1-F V & T Boultinghouse. 3002'. 7-30-76. New Harmony Consol.
- 10-4S-14W, 700'SL, 600'WL, SE SW. Skiles Oil Corp. #2 H. R. Davenport. 2654'. 7-26-76. New Harmony Consol.
- 15-4S-14W, NE NE NW. Skiles Oil Corp. #1 John W. Smith, formerly Calvin Oil Co. 2657'. 7-23-76. (Water input, formerly a producer.) New Harmony Consol.
- 17-4S-14W, 610'NL, 380'EL, SW SE. Trans-Tex Prod. Co. #16-A Bramlett. 2726'. 7-31-76. New Harmony Consol.
- 1-5S-10E, 330'NL, 400'EL, NW SW. Slaughter Producing Corp. #1 Henry Garner et al. 2341'. 7-14-76. Phillipstown Consol.
- 24-6S-10E, NW NE SW. Yingling Bros. #B-2 F. Karch. 2216'. 7-7-76. Maunie South.
- 13-7S-8E, SW NE NW. Kingwood Oil Co. #6 M. W. Swenson. 3012'. 7-20-76. Roland Consol.
- 17-7S-8E, NW SW SE. Absher Oil Co. #1 Lewis, formerly Mack Holt. 2694'. 6-25-76. Roland Consol.

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
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ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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OCT 27 1976

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

None

New Pay Zones in Fields

BOURBON CONSOLIDATED. Douglas County, 24-15N-7E, McClosky at 1710'. Discovery well. Elton M. Botts #M-1 Jones, IP 16 BOP.

MARCOE. Jefferson County, 22-3S-2E, Spar Mountain at 2700'. Discovery well, Leo Dare #1 J. W. Dare (OWWO, was plugged McClosky oil well), IP 7 BOP, 8 BW.

PHILLIPSTOWN SOUTH. White County, 11-5S-10E, Palestine at 2136'. Discovery well, Richard W. Beeson #2 Earlene Brooks, IP 20 BOP.

Extensions to Fields

None

TABLE 7

New Pools Discovered from October 1975 through September 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|---------------------|------|------|------------------|------|------|
| <u>October 1975</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| None | | | None | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | Hadley: | | |
| <u>January 1976</u> | | | Richland | 4N | 14W |
| Oconee: | | | Kell North: | | |
| Shelby | 10N | 1E | Marion | 1N | 3E |
| <u>February</u> | | | <u>July</u> | | |
| Harristown S: | | | None | | |
| Macon | 16N | 1E | <u>August</u> | | |
| <u>March</u> | | | Enfield North: | | |
| None | | | White County | 5S | 8E |
| | | | <u>September</u> | | |
| | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | | New Dry Holes | | | Production in | |
|-------------|--|-------------|------|---------------------|--------------------|---------------|---------|-----|-----------------|----------------------|
| | Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels |
| | | Field | Ext. | | | | Near | Far | | |
| <u>1975</u> | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 59 | 22 | 22 | 207 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 48 | 1 | 3 | 49 | 3 | 29 | 4 | 10 | 92 | 2,240 |
| Sept. | 92(1) | 0 | 0 | 86(1) | 6 | 35 | 9 | 7 | 138 | 2,170 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through July 1976 are from reports received directly from crude gathering companies. The figures for August and September 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, September 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions Were | | |
| | | | Prod. | D&A | Prod. | | Prod. | Others | |
| Adams | - | 1 | - | 1 | - | - | - | - | - |
| Bond | - | 1 | 1 | - | - | - | - | - | - |
| Christian | 1 | 3 | - | 2 | - | - | 1 | - | - |
| Clark | 1 | 4 | 3 | 1 | - | - | - | - | - |
| Clay | 13 | 21 | 14 | 5 | 1 | - | - | 1 | - |
| Clinton | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Coles | - | 1 | - | 1 | - | - | - | - | - |
| Crawford | 16 | 50 | 18 | 2 | - | 26 | 4 | - | - |
| Douglas | 1 | 1 | 1* | - | - | - | - | - | - |
| Edgar | 1 | 1 | 1 | - | - | - | - | - | - |
| Edwards | 6 | 7 | 4 | 2 | 1 | - | - | - | - |
| Effingham | 2 | 2 | - | - | - | - | 2 | - | - |
| Fayette | 5 | 4 | 4 | - | - | - | - | - | - |
| Franklin | 6 | 1 | - | 1 | - | - | - | - | - |
| Gallatin | 2 | 3 | - | 1 | - | - | - | 2 | - |
| Greene | 1 | - | - | - | - | - | - | - | - |
| Hamilton | - | 3 | - | 3 | - | - | - | - | - |
| Jasper | 1 | 1 | - | 1 | - | - | - | - | - |
| Jefferson | 2 | 2 | 1 | 1 | - | - | - | - | - |
| Lawrence | 19 | 12 | 5 | 2 | - | 5 | - | - | - |
| McLean | 1 | 1 | - | 1 | - | - | - | - | - |
| Macon | 2 | 1 | 1 | - | - | - | - | - | - |
| Macoupin | - | 1 | - | - | - | 1 | - | - | - |
| Madison | 3 | 1 | 1 | - | - | - | - | - | - |
| Marion | 2 | 2 | - | 1 | - | - | 1 | - | - |
| Perry | 2 | 1 | - | 1 | - | - | - | - | - |
| Richland | 12 | 3 | 1 | 2 | - | - | - | - | - |
| St. Clair | - | 1 | - | 1 | - | - | - | - | - |
| Saline | 4 | 3 | 2 | 1 | - | - | - | - | - |
| Sangamon | 3 | 3 | 2 | 1 | - | - | - | - | - |
| Wabash | 9 | 10 | 4 | 4 | - | - | 2 | - | - |
| Washington | 1 | 3 | 1 | 2 | - | - | - | - | - |
| Wayne | 21 | 27 | 14 | 8 | 2 | - | 3 | - | - |
| White | 19 | 15 | 8 | 5 | 2 | - | - | - | - |
| Williamson | 1 | - | - | - | - | - | - | - | - |
| | 160 | 192 | 87 | 51 | 6 | 32 | 13 | 3 | - |

* Gas well

o

Issued by Department of Mines and Minerals, Springfield, Illinois, September 3, 1976, through September 30, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, August 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | - | 2 | - | 2 | - | - | - |
| Coles | 3 | - | - | - | - | - | - |
| Henry | 6 | - | - | - | - | - | - |
| Kankakee | 3 | - | - | - | - | - | - |
| McDonough | - | 3 | - | 2 | - | 1 | - |
| | 12 | 5 | - | 4 | - | 1 | - |

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Issued by Department of Mines and Minerals, Springfield, Illinois, September 3, 1976, through September 30, 1976.

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WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

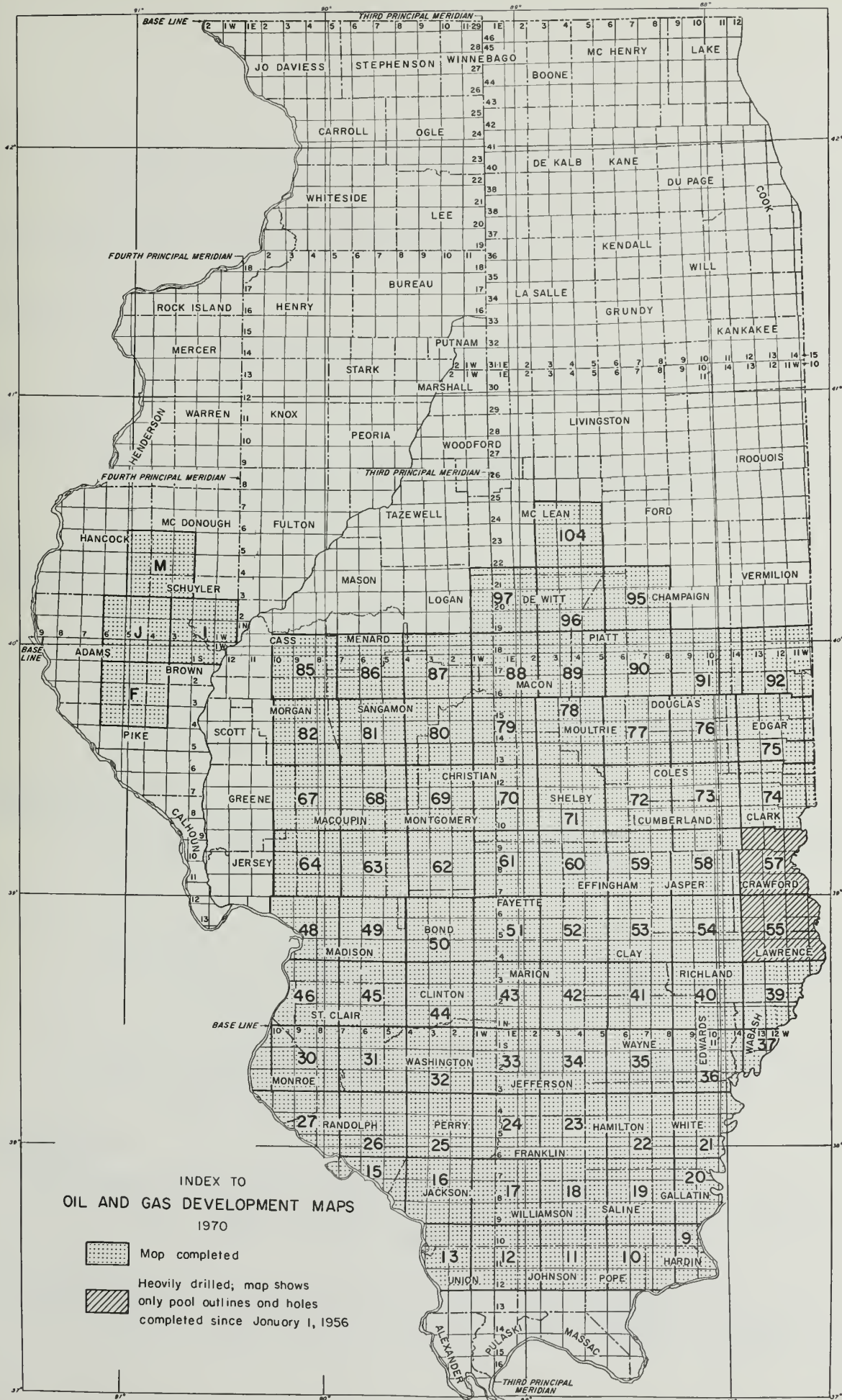
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM AUGUST 28, 1976 TO OCTOBER 1, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 12, SE NE SW. Claude McElvain #1 McNeff. Spd. 7-27-76. Comp. 8-27-76.
TD 658'. D&A. Devonian, top 652'. Kellerville.

BOND COUNTY

5N, 4W

- 15, 310'NL, 310'EL, SE SW. Sam Parker #4 Donk Bros. Coal & Coke Co.
Spd. 7-14-76. Comp. 9-3-76. TD 606'. IP 2 BOP/trace of water.
Pennsylvanian, top 580', shot. Old Ripley.

CHAMPAIGN COUNTY

21N, 7E

- 19, 84'SL, 26'EL, SE NW. Peoples Gas Light & Coke Co. #1 K. Canny.
Spd. 11-19-75. Comp. 12-23-75. TD 4344'. Gas injection-withdrawal.
Mt. Simon, top 4045'. Manlove Gas Storage Field.
- 29, 58'NL, 86'EL, SW. Peoples Gas Light & Coke Co. #1 K. Clapper.
Spd. 1-6-76. Comp. 2-6-76. TD 4318'. Gas injection-withdrawal.
Mt. Simon, top 4048'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

14N, 2W

- 20, NE SW NE. Robert H. Evans #2 Miller. Spd. 9-13-76. Comp. 9-18-76.
TD 2045'. D&A. Silurian, top 2000' (approx.). Sharpsburg.

15N, 2W

- Irr. 8, 330'SL, 330'EL, NE SW. John Carey Oil Co. #1 Prokopp, McHenry,
Garlin Comm. Conversion. Was Silurian producer. Comp. 12-29-73.
Recomp. 9-16-75. COTD 1598'. SWD. Burlington-Keokuk, top
1435'. Roby East.
- 13, SE NE NW. Triple "G" Oil Co., Ltd. #2 Marshall-Price. Spd. 9-7-76.
Comp. 9-11-76. TD 1897'. D&A. Silurian, top 1360'. Mt. Auburn
Consol.

CLARK COUNTY

10N, 13W

- 30, C N/2 NW SE. M. C. Milam #1 Grace M. & Thomas A. Coats. Spd.
7-14-76. Comp. 8-22-76. TD 2875'. IP 121 BOP/10 BW. Trenton,
top 2735', acid and frac. Martinsville.

11N, 13W

- 22, NW NW SE. Oilfield Research, Inc. #1 Ormal Higginbotham. Spd.
7-28-76. Comp. 8-5-76. TD 2331'. D&A. Devonian, top 2220'. WF.

CLARK COUNTY (continued)11N, 14W

- 4, SW NE NW. Jack H. Mankin #2 Belva Turner. Spd. 7-8-76. Comp.
8-11-76. TD 351'. IP 4 BOP. Pennsylvanian, top 308'. Westfield.
- 4, SE NE NW. Jack H. Mankin #4 Belva Turner. Spd. 7-28-76. Comp.
8-25-76. TD 406'. IP 5 BOP. Pennsylvanian, top 328', shot.
Westfield.

CLAY COUNTY2N, 6E

- 15, SW NW NW. J. W. Rudy Co. #1 A. Walker. Spd. 8-18-76. Comp.
8-24-76. TD 3663'. D&A. Salem, top 3368'. WN - Zenith North.

2N, 7E

- 13, SW SW SE. John M. Zanetis #1 Shelton B Consol. Spd. 7-27-76. .
Comp. 8-25-76. TD 3606'. IP 165 BOP. Salem, top 3530', acid.
Clay City Consol.
- 13, 400'SL, 330'EL, SW SE. John M. Zanetis #2-B Shelton. Spd. 8-14-76.
Comp. 9-7-76. TD 3624'. IP 40 BOP. Salem, top 3510', acid.
Clay City Consol.
- 14, NW SE NE. Booth Oil Co., Inc. #1 Thompson. Spd. 4-9-76. Comp.
8-25-76. TD 3700'. IP 2 BOP/10 BW. Salem, top 3563', acid. Clay
City Consol.

2N, 8E

- 10, 330'NL, 380'WL, SW SW. Kenneth E. Beeman #8 Routt. Spd. 3-15-75.
Comp. 4-8-75. TD 3370'. IP 6 BOP. McClosky, top 2990', acid;
St. Louis, top 3217', acid. Clay City Consol.
- 15, SE NW NW. Donald L. Lewis #4 McAllister. Spd. 6-21-76. Comp.
8-31-76. TD 3101'. IP 42 BOP/72 BW. Aux Vases, top 2917', frac.
Clay City Consol.
- 17, NE SW NW. Partlow & Cochonour #3 Eugene Henderson. GWAO & OWDD.
Was #1 E. Henderson. Was D&A. OTD 3078'. Comp. 10-21-66.
Recomp. 9-28-76. DTD 3680'. IP 150 BOP/no water. Salem,
top 3347', acid. Clay City Consol.

3N, 5E

- 1, C NW NE. H-A-V-E Oil Co. #1 Dean Sutton. Spd. 2-1-75. Comp.
2-20-75. TD 6048'. D&A. Galena, top 5711'. WF.
- 35, SW SE NE. Crossroads Oil, Inc. #3 Paul. Spd. 6-15-76. Comp.
8-10-76. TD 2942'. IP 80 BOP/40 BW. Spar Mountain, top 2894',
frac.; McClosky, top 2929', acid. Kenner.
- 36, SE SW SW. Don Durr #2 Tackett. OWWO & Conversion. Was J. L. Cowan
#2 Tackett. Was plugged Renault producer. OTD 2890'. Comp.
1-6-59. Recom. 2-15-71. COTD 2890'. SWD. Aux Vases, top
2806'. Kenner.

CLAY COUNTY (continued)

3N, 7E

- 11, 347'NL, 453'WL, SE NE. Hagen Oil Co. #1 Harrison. Spd. 1-28-76. Comp. 9-14-76. TD 3000'. IP 15 BOP/4 BW. Spar Mountain, top 2968'; McClosky, top 2973', acid. Sailor Springs Consol.
- 11, SE NE NE. Hagen Oil Co. #1 Thompson. Spd. 2-8-76. Comp. 9-14-76. TD 2990'. IP 49 BOP/trace of water. Spar Mountain, top 2958', mca; McClosky, top 2968', mca. Sailor Springs Consol.

3N, 8E

- 27, 440'SL, 330'WL, NE NW. Union Oil of California #1 F. L. Morris. Spd. 7-12-76. Comp. 9-3-76. TD 3775'. IP 63 BOP/147 BW. Aux Vases, top 2882', frac; McClosky, top 2957', acid and frac. Clay City Consol.
- 28, SW SW NW. Shelby A. & Sylvia Britton #3 Hartzel-Powell. Spd. 8-1-76. Comp. 8-31-76. TD 2952'. IP 15 BOP/10 BW. Aux Vases, top 2922'. Clay City Consol.
- 28, SW NE NE. Triple "B" Oil Producers, Inc. #12 D. Smith. Spd. 5-13-76. Comp. 7-31-76. TD 3025'. IP 11 BOP. Aux Vases, top 2906', acid. Clay City Consol.

4N, 7E

- 10, 430'SL, 330'EL, SW SW. Hubco, Inc. #1 Kidwell. Spd. 10-9-75. Comp. 10-20-75. TD 2981'. D&A. Aux Vases, top 2970'. Sailor Springs Consol.
- 14, NW NE SE. Hanson Oil Co., Inc. #1 Odell Comm. Spd. 7-10-76. Comp. 9-14-76. TD 2613'. IP 12 BOP. Cypress, top 2594', frac. Sailor Springs Consol.
- 26, SE SE NE. Franklin Oil Co., Inc. #1 L. Carder. Spd. 7-12-76. Comp. 7-18-76. TD 2621'. D&A. Cypress, top 2619'. Sailor Springs Consol.
- 35, C S/2 NE NE. Woodrow Franklin #2 Kessler. Spd. 6-4-76. Comp. 8-18-76. TD 2327'. IP 8 BOP/20 BW. Tar Springs, top 2321', shot. Sailor Springs Consol.
- 35, 430'SL, 330'WL, NW SW. Robert B. Britton #1 A. M. Palmer. Spd. 5-14-76. Comp. 9-7-76. TD 3020'. IP 11 BOP/65 BW. Cypress, top 2604'; Bethel, top 2822', frac. Sailor Springs Consol.

5N, 5E

- 4, SW SW NW. "K" Oil, Inc. #1 Danks. Spd. 9-15-76. Comp. 9-28-76. TD 2542'. D&A. McClosky, top 2511'. WN- Iola Consol.

CLINTON COUNTY

2N, 3W

- 2, SW SE SE. Farm Feeds Construction, Inc. #2 Shomaker. Spd. 7-14-76. Comp. 9-7-76. TD 1061'. D&A. Cypress, top 1046'. Carlyle.

CLINE COUNTY (continued)2N, 3W

- 3, SW SW NE. John F. Dunnill #6 Hoffman-Marcham. Spd. 7-20-76. Comp. 8-31-76. TD 1058'. IP 8 BOP. Cypress, top 1016'. Carlyle.

COLES COUNTY12N, 7E

- 34, SE SE NW. E. H. Kaufman #1 E. H. Kaufman-Sanders. Spd. 8-24-76. Comp. 9-14-76. TD 3243'. D&A. Geneva, top 3234'. Mattoon.

CRAWFORD COUNTY5N, 11W

- Irr. 7, 330'NL, 330'EL, SE. Coy Oil, Inc. #2 John T. Nuttall Heirs. Conversion. Was Robinson producer. Comp. 6-22-76. COTD 936'. Water input. Robinson, top 924'. Main Consol.

5N, 13W

- 1, NE SW SW. Energy Resources of Indiana, Inc. #1 Due Heirs. Spd. 8-9-76. Comp. 8-25-76. TD 1496'. IP 70 BOP/trace of water. Bethel, top 1302', mca. Main Consol.
- 1, SW NW SW. Energy Resources of Indiana, Inc. #3 Valdez. Spd. 9-11-76. Comp. 9-22-76. TD 1351'. IP 70 BOP/trace of water. Bethel, top 1252', mca. Main Consol.

6N, 13W

- 21, 720'SL, 660'EL, SE. Marathon Oil Co. CT-1 M. A. Hynes et al. Spd. 7-28-75. Comp. 7-30-75. TD 989'. Oil well, IP not available. Robinson, top 879'. Main Consol.
- 21, 380'SL, 330'EL, SW. Marathon Oil Co. CT 1 M. Pulley. Spd. 9-4-75. Comp. 9-12-75. TD 982'. Oil well, IP not available. Robinson, top 910'. Main Consol.
- 21, 660'SL, 600'EL, NW. Marathon Oil Co. CT 1 S. Shire. Spd. 9-16-75. Comp. 9-18-75. TD 978'. Oil well, IP not available. Robinson, top 937'. Main Consol.
- 21, 986'NL, 74'EL, NE. Marathon Oil Co. #E-1 R. A. Siler M-1. Spd. 7-1-75. Comp. 1-15-76. TD 950'. Water input. Robinson, top 905'. Main Consol.
- 21, 326'NL, 74'EL, NE. Marathon Oil Co. #I-1 R. A. Siler M-1. Spd. 7-3-75. Comp. 1-16-76. TD 940'. Water input. Robinson, top 385'. Main Consol.
- 22, 1339'NL, 50'WL, NW. Marathon Oil Co. #C-1 J. N. Burch M-1. Spd. 6-27-75. Comp. 1-14-76. TD 945'. Water input. Robinson, top 886'. Main Consol.
- 22, 1316'NL, 380'WL, NW. Marathon Oil Co. #C-3 J. N. Burch M-1. Spd. 4-7-75. Comp. 1-14-76. TD 930'. Water input. Robinson, top 907'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 22, 1338'NL, 710'WL, NW. Marathon Oil Co. #C-5 J. N. Burch M-1. Spd. 6-25-75. Comp. 1-14-76. TD 925'. Water input. Robinson, top 900'. Main Consol.
- 22, 1337'NL, 1040'WL, NW. Marathon Oil Co. #C-7 J. N. Burch M-1. Spd. 6-18-75. Comp. 1-14-76. TD 937'. Water input. Robinson, top 901'. Main Consol.
- 22, 986'NL, 380'WL, NW. Marathon Oil Co. #E-3 J. N. Burch M-1. Spd. 4-1-75. Comp. 1-14-76. TD 930'. Water input. Robinson, top 906'. Main Consol.
- 22, 986'NL, 710'WL, NW. Marathon Oil Co. #E-5 J. N. Burch M-1. Spd. 5-22-75. Comp. 1-14-76. TD 925'. Water input. Robinson, top 899'. Main Consol.
- 22, 986'NL, 1050'WL, NW. Marathon Oil Co. #E-7 J. N. Burch M-1. Spd. 6-5-75. Comp. 1-14-76. TD 925'. Water input. Robinson, top 882'. Main Consol.
- 22, 656'NL, 50'WL, NW. Marathon Oil Co. #G-1 J. N. Burch M-1. Spd. 6-4-75. Comp. 1-14-76. TD 935'. Water input. Robinson, top 893'. Main Consol.
- 22, 656'NL, 380'WL, NW. Marathon Oil Co. #G-3 J. N. Burch M-1. Spd. 4-9-75. Comp. 1-14-76. TD 935'. Water input. Robinson, top 897'. Main Consol.
- 22, 656'NL, 710'WL, NW. Marathon Oil Co. #G-5 J. N. Burch M-1. Spd. 6-2-75. Comp. 1-14-76. TD 930'. Water input. Robinson, top 880'. Main Consol.
- 22, 656'NL, 1040'WL, NW. Marathon Oil Co. #G-7 J. N. Burch M-1. Spd. 3-26-75. Comp. 1-14-76. TD 932'. Water input. Robinson, top 890'. Main Consol.
- 22, 491'NL, 1205'WL, NW. Marathon Oil Co. #H-8 J. N. Burch M-1. Spd. 3-24-75. Comp. 1-14-76. TD 930'. Oil well, IP not available. Robinson, top 895', nat. Main Consol.
- 22, 326'NL, 380'WL, NW. Marathon Oil Co. #I-3 J. N. Burch M-1. Spd. 4-8-75. Comp. 1-14-76. TD 935'. Water input. Robinson, top 891'. Main Consol.
- 22, 326'NL, 710'WL, NW. Marathon Oil Co. #I-5 J. N. Burch M-1. Spd. 5-27-75. Comp. 1-14-76. TD 935'. Water input. Robinson, top 878'. Main Consol.
- 22, NE NW NW. Marathon Oil Co. #I-7 J. N. Burch M-1. Conversion. Was Robinson producer. Comp. 1-22-76. TD 925'. Water input. Robinson, top 885'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 22, 151'NL, 545'WL, NW. Marathon Oil Co. #J-4 J. N. Burch M-1. Spd. 3-31-75. Comp. 1-14-76. TD 916'. Oil well, IP not available. Robinson, top 873', nat. Main Consol.
- 22, 161'NL, 875'WL, NW. Marathon Oil Co. #J-6 J. N. Burch M-1. Spd. 3-5-75. Comp. 1-14-76. TD 932'. Oil well, IP not available. Robinson, top 898', nat. Main Consol.
- 22, 161'NL, 1205'WL, NW. Marathon Oil Co. #J-8 J. N. Burch M-1. Spd. 3-17-75. Comp. 1-14-76. TD 925'. Oil well, IP not available. Robinson, top 888'. Main Consol.
- 22, 1061'NL, 4180'WL, Sec. Marathon Oil Co. #DD-18 E. E. Martin M-1. Spd. 7-4-75 (est.). Comp. 1-14-76. TD 930'. Oil well, IP not available. Robinson, top 877', nat. Main Consol.
- 22, 569'NL, 4180'WL, Sec. Marathon Oil Co. #FF-18 E. E. Martin M-1. Spd. 7-2-75. Comp. 1-14-76. TD 940'. Oil well, IP not available. Robinson, top 879', nat. Main Consol.
- 22, 569'NL, 4647'WL, Sec. Marathon Oil Co. #FF-20 E. E. Martin M-1. Spd. 7-16-75. Comp. 1-14-76. TD 935'. Oil well, IP not available. Robinson, top 879', nat. Main Consol.
- 22, 323'NL, 4352'WL, Sec. Marathon Oil Co. #GG-19 E. E. Martin M-1. Spd. 7-3-75. Comp. 1-22-76. TD 917'. Water input. Robinson, top 876'. Main Consol.
- 22, 77'NL, 4180'WL, Sec. Marathon Oil Co. #HH-18 E. E. Martin M-1. Spd. 6-30-76. Comp. 1-14-76. TD 950'. Oil well, IP not available. Robinson, top 892', nat. Main Consol.
- 22, 77'NL, 4647'WL, Sec. Marathon Oil Co. #HH-20 E. E. Martin M-1. Spd. 7-11-75. Comp. 1-14-76. TD 945'. Oil well, IP not available. Robinson, top 893', nat. Main Consol.
- 22, 1334'NL, 1344'WL, NW. Marathon Oil Co. #C-9 H. Martin M-1. Spd. 6-30-75. Comp. 1-14-76. TD 940'. Water input. Robinson, top 902'. Main Consol.
- 22, 1316'NL, 2030'WL, NW. Marathon Oil Co. #C-13 H. Martin. Spd. 8-18-75. Comp. 1-19-76. TD 935'. Water input. Robinson, top 892'. Main Consol.
- 22, 1307'NL, 2383'WL, NW. Marathon Oil Co. #CC-11 H. Martin M-1. Spd. 7-10-75. Comp. 1-16-76. TD 950'. Water input. Robinson, top 899'. Main Consol.
- 22, 986'NL, 1370'WL, NW. Marathon Oil Co. #E-9 H. Martin M-1. Spd. 6-16-75. Comp. 1-21-76. TD 945'. Water input. Robinson, top 903'. Main Consol.

CRAWFORD COUNTY (continued)6N, 13W

- 22, 656'NL, 1370'WL, NW. Marathon Oil Co. #G-9 H. Martin M-1. Spd.
6-13-75. Comp. 2-6-76. TD 940'. Water input. Robinson, top 893'.
Main Consol.
- 22, 656'NL, 1700'WL, NW. Marathon Oil Co. #G-11 H. Martin M-1. Spd.
6-19-75. Comp. 1-27-76. TD 950'. Water input. Robinson, top 912'.
Main Consol.
- 22, 598'NL, 2006'WL, NW. Marathon Oil Co. #G-13 H. Martin M-1. Spd.
6-26-75. Comp. 1-27-76. TD 935'. Water input. Robinson, top 905'.
Main Consol.
- 22, 491'NL, 2195'WL, NW. Marathon Oil Co. #H-14 H. Martin M-1. Spd.
4-7-75. Comp. 1-14-76. TD 930'. Oil well, IP not available.
Robinson, top 892', nat. Main Consol.
- 22, 326'NL, 1345'WL, NW. Marathon Oil Co. #I-9 H. Martin M-1. Spd.
4-15-75. Comp. 1-14-76. TD 920'. Water input. Robinson, top 882'.
Main Consol.
- 22, NW NE NW. Marathon Oil Co. #I-11 H. Martin M-1. Conversion. Was
Robinson producer. Comp. 1-14-76. COTD 925'. Water input.
Robinson, top 889'. Main Consol.
- 22, 326'NL, 2030'WL, NW. Marathon Oil Co. #I-13 H. Martin M-1. Spd.
4-22-75. Comp. 1-14-76. TD 925'. Water input. Robinson, top
904'. Main Consol.
- 22, NE NE NW. Marathon Oil Co. #I-15 H. Martin M-1. Conversion. Was
Robinson producer. Comp. 2-12-76. COTD 922'GL (est.). Water
input. Robinson, top 886'GL. Main Consol.
- 22, 161'NL, 1535'WL, NW. Marathon Oil Co. #J-10 H. Martin M-1. Spd.
6-3-75. Comp. 1-14-76. TD 930'. Oil well, IP not available.
Robinson, top 885', nat. Main Consol.
- 22, 161'NL, 1865'WL, NW. Marathon Oil Co. #J-12 H. Martin M-1. Spd.
5-31-75. Comp. 1-14-76. TD 930'. Oil well, IP not available.
Robinson, top 892', nat. Main Consol.
- 22, 1680'NL, 2280'WL, NW. Marathon Oil Co. #2 M-1 S.W.D.W. Spd.
12-15-75. Comp. 12-22-75. TD 1950'. SWD. Salem, top 1898'.
Main Consol.
- 35, 50'SL, 1'WL, SE SE. Clarence Catt Jr. AI-#1 C. E. Jones. Abd. loc.
Main Consol.

7N, 12W

- 10, SE NW SW. Don W. Slater #3 Morris L. Gurley. Abd. loc. Main
Consol.
- 10, SW NW NW. Don W. Slater #2 Marion Williamson. Abd. loc. Main
Consol.

CRAWFORD COUNTY (continued)

7N, 12W

10, NE NW NW. Don W. Slater #3 Marion Williamson. Abd. loc. Main Consol.

7N, 13W

8, 340'SL, 350'EL, NE. Used Oilfield Equipment #L-1 Headley Unit. Spd. 9-30-75. Comp. 10-23-75. TD 1446'. IP 1 BOP/30 BW. Robinson, top 963', frac. Main Consol.

11, SE NW SW. Triple "B" Oil Producers, Inc. #31 J. W. Darrough. Spd. 9-5-76. Comp. 9-21-76. TD 1000'. D&A. Robinson, top not available. Main Consol.

8N, 13W

25, SW NW SE. Daniel R. Leavell #5 John Patelski. Abd. loc. Main Consol.

33, 330'SL, 380'WL, SE NE. Ross Wyman & Norm R. Wyman #1 Coulter Keller. Spd. 7-2-76. Comp. 8-17-76. TD 1011'. D&A. Robinson, top 860'. Main Consol.

DOUGLAS COUNTY

15N, 7E

24, C N/2 SW NW. Elton M. Botts #M-1 Jones. Spd. 7-14-76. Comp. 8-15-76. TD 1729'. IP 16 BOP/some water. McClosky, top 1710', frac. Bourbon Consol. NEW PAY IN FIELD.

EDGAR COUNTY

12N, 14W

14, C E/2 NW NE. Earnest Zink #1 Leming. Spd. 8-20-76. Comp. 9-1-76. TD 454'. Gas well, IP not available. Pennsylvanian, top 445'. Inclose.

EDWARDS COUNTY

1N, 10E

20, SW SW SW. Frank Yockey #1 Weber. Spd. 8-30-76. Comp. 9-21-76. TD 3257'. D&A. Ste. Genevieve, top 3230'. Maple Grove Consol.

1S, 14W

4, SW SE NE. Louis A. Pessina #3 Pussell Koertge. Spd. 7-20-76. Comp. 9-7-76. TD 3565'. IP 20 BOP/4 BW. Salem, top 3555'. Bone Gap East.

2S, 14W

8, SE SE SE. John M. Zanetis #2 Cowling Heirs. Spd. 7-7-76. Comp. 9-7-76. TD 3093'. IP 5 BOP/4 BW. Bethel, top 2842', frac. Browns South.

9, NW SW SW. John M. Zanetis #1 H. T. Bass. OWWO. Was J. Eisner. Was D&A. OTD 3085'. Comp. 10-20-55. Recomp. 8-11-76. COTD 3085'. IP 20 BOP. Bethel, top 2838', frac. Browns South.

EDWARDS COUNTY (continued)

2S, 14W

- 21, SE NW NE. Arthur H. Schroll #1 Marriott et al. Comm. Spd. 9-6-76.
Comp. 9-21-76. TD 3132'. D&A. Ste. Genevieve, top 3040'. Albion
East.

3S, 11E

- Irr. 7, 330'SL, 330'WL, NE NW. French Creek Co. #2 V. Louis Fieber "M".
Spd. 7-18-76. Comp. 8-7-76. TD 2470'. IP 60 BOP/0 BW. Walters-
burg, top 2423', nat. Phillipstown Consol.
- Irr. 7, 330'NL, 330'EL, SW NW. French Creek Co. #3 V. Louis Fieber "M".
Spd. 7-24-76. Comp. 8-19-76. TD 2480'. IP 80 BOP/trace of water.
Waltersburg, top 2442', frac. Phillipstown Consol.

EFFINGHAM COUNTY

6N, 5E

- 27, NE SW SE. Ladd Petroleum Corp. #1-3W South Mason Unit. Conversion.
Was Kingwood Oil Co. #3-C Eugene See. Was Bethel and Aux Vases
producer. Comp. 9-3-76 (est.). COTD 2390'. Water input.
Bethel, top 2288'; Aux Vases, top 2353'. Iola Consol.
- 27, NE SE SE. Ladd Petroleum Corp. #8-1W South Mason Unit. Conversion.
Was W. W. Shaffer et al. #1 Evans. Was Spar Mountain producer.
Comp. 9-3-76. COTD 2426'. Water input. Bethel, top 2288';
Aux Vases, top 2355'; Spar Mountain, top 2400'. Iola
Consol.

FAYETTE COUNTY

8N, 3E

- 2, NW NE NW. Exxon Corp. #2 Bertha Algood. OWDD. Was Carter Oil. Was
Cypress producer. OTD 1584'. Comp. 8-6-40. Recomp. 8-10-76.
DTD 1645'. IP 24 BOP/140 BW. Paint Creek, top 1590', frac.;
Benoist, top 1620', frac. Loudon.
- 2, NE NW NW. Exxon Corp. #3 Bertha Algood. OWDD. Was Carter Oil Co.
#3 Bertha Algood. Was Cypress producer. OTD 1535'. Comp. 9-24-40.
Recomp. 8-27-76. DTD 1642'. IP 30 BOP/89 BW. Cypress, top
1495'; Bethel, top 1535', frac. Loudon.

9N, 3E

- 35, 330'NL, 380'EL, SE SW. Texill Energy Corp. #1 Dial-Anderson. Spd.
6-23-76. Comp. 8-1-76. TD 1648'. IP 10 BOP/5 BW. Benoist, top
1609', frac. Loudon.
- 35, NW SE SW. Texill Energy Corp. #2 Dial-Anderson. Spd. 6-29-76.
Comp. 8-1-76. TD 1650'. IP 10 BOP/5 BW. Benoist, top 1609', frac.
Louden.
- 35, NW NW SE. Time Oil Inc. #3 Slifer. Spd. 4-8-76. Comp. 6-5-76.
TD 1634'. IP 50 BOP/5 BW. Benoist, top 1598', frac. Loudon.
- 35, 330'SL, 380'WL, NW SE. Time Oil, Inc. #4 Slifer. Spd. 4-11-76.
Comp. 7-1-76. TD 1650'. IP 50 BOP/10 BW. Benoist, top 1616',
frac. Loudon.

FRANKLIN COUNTY

7S, 4E

- 2, 400'SL, 330'WL, NE SE. Louis H. Kapp, Jr. #1 Franklin County Mining.
Spd. 9-13-76. Comp. 9-27-76. TD 3307'. D&A. St. Louis, top
3300' (approx.). Thompsonville East.

GALLATIN COUNTY

1E, 10E

- 29, NW NW SW. Slaughter Producing Corp. #1 Medlin. Spd. 8-14-76. Comp.
8-21-76. TD 2998'. D&A. McClosky, top 2910' (approx.). Herald
Consol.

8S, 8E

- 8, SE NW SW. Montara Petroleum Co. #1 George Allen. OWWO-Conversion.
Was Inland Producers #1 Allen. Was plugged Spar Mountain producer.
OTD 3017'. Comp. 10-9-51. Recomp. 9-25-75. COTD 2920'.
Water input. Aux Vases, top 2886'. Omaha South.

- 8, SE SW NW. Montara Petroleum Co. #1 Charles Mausey. OWWO-Conversion.
Was Keystone Oil Co. #1 Charles Mausey. Was D&A. OTD 2899'.
Comp. 9-9-58. Recomp. 10-1-75. COTD 2910'. Water input.
Aux Vases, top 2862'. Omaha South.

HAMILTON COUNTY

6S, 5E

- 23, NW NW NE. H & W Oil Co., Inc. #1 Lockwood-Nunley. OWWO & OWDD.
Was Guard S. Marvin #1-A Lockwood. Was D&A. OTD 3500'. Comp.
2-24-67. Recomp. 9-21-76. DTD 3958'. Temp. abd. St. Louis,
top 3318'?. Dale Consol.

6S, 6E

- 9, 495'NL, 330'WL, NE SW. Stewart Producers, Inc. & Stewart Bros.
(Partnership) #1 James Rosenmiller. Spd. 8-23-76. Comp. 9-14-76.
TD 3284'. D&A. McClosky, top 3221'. Dale Consol.

6S, 7E

- 13, 330'SL, 990'EL, SE. Bufay Oil Co. #1 McKenzie. Spd. 8-18-76.
Comp. 8-25-76. TD 3380'. D&A. McClosky, top 3350' (approx.).
WN - Enfield South.

7C, 7E

- 22, NE NE SW. J. D. Turner #1 R. E. McKenzie. Spd. 9-2-76. Comp.
9-9-76. TD 3219'. D&A. Ste. Genevieve, top 3080' (approx.).
WN - Roland Consol.

JASPER COUNTY

1N, 9E

- 4, C N/2 NW NE. Elton M. Botts #1 C. R. Hanna. OWWO. Was John P.
Botsch #1 C. R. Hanna. Was D&A. OTD 3945'. Comp. 2-1-61. Recomp.
9-26-76. COTD 1143'. Junked hole. WN - Lis.

6N, 1CE

- Irr. 39, 330'NL, 330'WL, NW. Donald E. Schmitt #1 J. Clapp. Spd.
8-10-76. Comp. 8-31-76. TD 2947'. D&A. McClosky, top 2946'.
Clay City Consol.

JEFFERSON COUNTY

1S, 4E

16, NE NW NW. John F. Dunnill #1 Brenton. OWWO & CWED. Was Max Schwartz #1 Gilligan. Was D&A. OTD 2870'. Comp. 10-11-61. Recom. 8-6-76. DTD 3260'. D&A. Salem, top 3104'. Divide Consol.

3S, 2E

22, SE SW NE. Leo Dare #1 J. W. Dare. OWWO. Was Magnolia Pet. Was McClosky producer. OTD 2765'. Comp. 12-24-38. Plugged 8-5-41. Recom. 8-16-76. COTD 2765'. IP 7 BOP/8 BW. Spar Mountain, top 2700'. Marcoe. NEW PAY IN FIELD.

3S, 3E

Irr. 6, 330'SL, 660'EL, NW SW. Albert Gentles #3 Gee. Spd. 7-20-76. Comp. 8-30-76. TD 2800'. IP 15 BOP/30 BW. McClosky, top 2790', acid. Mt. Vernon.

4S, 2E

3, 330'SL, 530'EL, NE SW. United States Oil Co. #1 Jefferson Oil & Gas Corp. Spd. 8-3-76. Comp. 9-21-76. TD 3250'. D&A. Salem, top 3098'. WN - Nason.

LA SALLE COUNTY

30N, 2E

25, 1817'SL, 75'EL, NE. Northern Illinois Gas Co. #203 Kenney. Abd. loc.

LAWRENCE COUNTY

3N, 12W

19, 60'NL, 50'WL, NW. Marathon Oil Co. #JJ-25 Gray Estate. Abd. loc. Lawrence.

27, 500'SL, 330'EL, SW SW. Schlensker Drlg. Corp. #1 Willis Nichols. Spd. 9-22-75. Comp. 10-8-75. TD 3450'. IP 2 BOP/80 BW. Salem, top 2401', acid. Lawrence.

14, NE SE NE. Reinhold Oil Producers #1 Mason-Staats Comm. Spd. 6-28-76. Comp. 8-11-76. TD 2254'. IP 45 BOP. Aux Vases, top 2114', acid and frac. Lawrence West.

3N, 13W

14, 430'NL, 990'EL, NW. Reinhold Oil Producers #5-A Wiggins. Spd. 7-3-76. Comp. 9-18-76. TD 2220'. IP 32 BOP/10 BW. Bethel, top 2150', frac. Lawrence West.

4N, 12W

19, 754'SL, 669'EL, NW SE. Marathon Oil Co. #1 Hazel-Lathrop Comm. Spd. 6-29-76. Comp. 8-17-76. TD 3095'. IP 22 BOP/227 BW. Devonian, top 2882', frac. Lawrence.

30, C NE NW. Marathon Oil Co. #MB-22 Isaac Boyd. Spd. 7-29-76. Comp. 9-4-76 (est.). TD 1075'. Water input. Bridgeport, top 873'. Lawrence.

LAWRENCE COUNTY (continued)

4N, 12W

30, 0'NL, 10'EL, SE NW. Marathon Oil Co. #NB-23 Oliver Baltzell. Spd. 7-27-76. Comp. 8-10-76 (est.). TD 968'. Water input. Bridgeport, top 829'. Lawrence.

30, C NW NE. Marathon Oil Co. #PB-22 Isaac Boyd. Spd. 8-19-76. Comp. 9-2-76 (est.). TD 1017'. Water input. Bridgeport, top 842'. Lawrence.

30, C SW NE. Marathon Oil Co. #PB-24 Oliver Baltzell. Spd. 8-23-76. Comp. 9-10-76 (est.). TD 1044'. Water input. Bridgeport, top 759'. Lawrence.

30, 666'NL, 50'WL, NE SE. Marathon Oil Co. #QB-26 C. Stallings. Spd. 7-21-76. Comp. 8-20-76 (est.). TD 1055'. Water input. Bridgeport, top 984'. Lawrence.

4N, 13W

Irr. 12, 330'SL, 883'WL, NW. Wayne Smith, Operator, Inc. #640 Gray-Piper Comm. Spd. 6-27-74. Comp. 7-20-74. TD 1720'. Oil well, IP not available. Jackson, top 1346', frac.; Cypress, top 1396', frac. Lawrence.

5N, 10W

30, NW NW SW. Philip D. Gelvin #1 Pritchard-Benson Comm. Spd. 7-30-76. Comp. 8-8-76. TD 1611'. D&A. McClosky, top 1602'. Russellville.

5N, 13W

Irr. 36, 660'SL, 660'EL, NW. Schlensker Drilling Corp. #2 Mary Updike et al. Spd. 7-2-76. Comp. 7-7-76. TD 1875'. D&A. McClosky, top 1721'. Lawrence.

MCDONOUGH COUNTY

7N, 3W

5, 575'SL, 128'WL, NE. Central Illinois Public Service #SM-12 Chenoweth. Spd. 5-21-76. Comp. 9-2-76. TD 2854'. Gas injection-withdrawal. Mt. Simon, top 2692'. Sciota Gas Storage Field.

5, 125'SL, 1500'WL, SW SW NE. Central Illinois Public Service #SM-13 Chenoweth. Spd. 6-25-76. Comp. 9-2-76. TD 2812'. Gas injection-withdrawal. Mt. Simon, top 2703'. Sciota Gas Storage Field.

6N, 4W

25, 50'NL, 330'EL, SE. Central Illinois Public Service Co. SM-14. Spd. 7-25-76. Comp. 8-25-76. TD 2850'. Gas storage observation. Mt. Simon, top 2756'. Sciota Gas Storage Field.

MCLEAN COUNTY

22N, 5E

30, SE SE NE. Walter Bollenbacher Family Trust #2 Ed McConkey. Spd. 9-20-76. Comp. 9-24-76. TD 1203'. D&A. Silurian, top 1173'. WF.

MACON COUNTY

17N, 2E

23, NE NW SE. Triple G Oil Co., Ltd. #3 Phillips. Spd. 5-12-76. Comp. 8-9-76. TD 2147'. IP 3 BOP. Silurian, top 2121', mca, frac., and acid. Forsyth.

MACOUPIN COUNTY

7N, 7W

16, 300'NL, 5'WL, NE SW NE. I. R. Bennett #1-B Schreier. Spd. 7-10-75. Comp. 8-14-75. TD 505'. Water input. Pennsylvanian, top 497'. Staunton West.

MADISON COUNTY

6N, 6W

27, 730'NL, 230'EL, SE NW. Fairfield Oil Co. #16 Blom. Spd. 8-10-76. Comp. 9-3-76. TD 588'. IP 10 BOP. Pennsylvanian, top 580', nat. Livingston South.

MARION COUNTY

1N, 2E

Irr. 5, 294'NL, 1076'EL, NE. Texaco Inc. #14 H. H. Smail, O/A Salem Unit, Tract 154. Conversion. Was Devonian producer converted to Aux Vases water input. Comp. 8-30-76. COTD 3470'. IP 146 BOP/421 BW. Devonian, top 3426'. Salem Consol.

2N, 2E

31, 310'NL, 304'WL, SE SE. Texaco, Inc. #15 M. I. Williams, O/A Salem Unit, Tract 139. Conversion. Was temp. abd. McClosky producer. Comp. 9-7-76. COTD 1796'. Water input. Aux Vases, top 1714'. Salem Consol.

31, 926'SL, 344'WL, SE SE. Texaco, Inc. #24 M. I. Williams, O/A Salem Unit, Tract 139. Conversion. Was Devonian producer converted to Aux Vases water input. COTD 3362'. IP 10 BOP/590 BW. Devonian, top 3296'. Salem Consol.

3N, 3E

32, NW NW SW. Richard W. Beeson #3 Raymond Sanders. Spd. 8-24-76. Comp. 9-7-76. TD 2420'. D&A. McClosky, top 2390'. Brubaker.

MONTGOMERY COUNTY

7N, 3W

19, 970'SL, 360'WL, SE. David L. Hampton #2 Hampton. OWDD. Was T. R. Kerwin. Was Golconda producer. OTD 715'. Comp. 1-2-52. Recom. 8-31-76. DTD 912'. IP 2 BOP (est.). Benoist, top 912'. Panama.

PERRY COUNTY

4S, 3W

6, NE NE NE. James H. Donnewald #1 Paszkiewicz. Spd. 9-2-76. Comp. 9-5-76. TD 1340'. D&A. Barlow, top 1130' (est.). WF.

RICHLAND COUNTY3N, 10E

8, SW NW SE. Lahoil, Inc. #1 C. L. Benton. Spd. 9-3-76. Comp. 9-21-76.
TD 3163'. D&A. Fredonia, top 3100'. WN - Olney South.

4N, 9E

34, SW NW SW. Jack G. Raymond #1 Watkins. Spd. 7-1-76. Comp. 8-18-76.
TD 3080'. IP 25 BOP/40 BW. McClosky, top 3025', acid and frac.
Clay City Consol.

4N, 14W

35, NW NE NW. C.E.R. Production Co. #2 Shafer. Spd. 6-12-76. Comp.
6-18-76. TD 3100'. D&A. Spar Mountain, top 2968'. Hadley.

ST. CLAIR COUNTY3S, 7W

11, NW NW SW. Snyder & Snyder & Roger #1 Dr. Edward Schaller. Spd.
8-31-76. Comp. 9-5-76. TD 2026'. D&A. Trenton, top 1999'. WF.

SALINE COUNTY7S, 7E

26, NE SW NE. Reynolds & Vincent #1 V. M. Taylor. Spd. 8-24-76. Comp.
9-28-76. TD 3140'. D&A. Ohara, top 3018'. WN - Roland West.

8S, 5E

14, 334'NL, 115'WL, SE NW SE. Duke Resources Corp. #1-A Bennett. Spd.
1-27-76. Comp. 8-31-76. TD 2985'. IP 13 BOP/25 BW. Aux Vases,
top 2855', frac. Harco.

8S, 7E

23, SW SE SE. Estate of Gerald L. Reasor #2 Kittinger-Wilson. Spd.
5-19-76. Comp. 8-31-76. TD 2548'. IP 14 BOP/45 BW. Cypress,
top 2538', mca and frac. Eldorado East.

SANGAMON COUNTY14N, 4W

12, NW NE SW. Dwight Beckham #1 Hobbs. Spd. 8-12-76. Comp. 8-15-76.
TD 1739'. D&A. Silurian, top 1718'. Edinburg West.

15N, 2W

8, SW NW NW. Comanche Oil Corp. #1 I.N.B. Trustee. Spd. 8-5-76.
Comp. 9-14-76. TD 1774'. IP 162 BOP. Silurian, top 1750', nat.
Roby East.

8, SE NW NW. Comanche Oil Corp. #3 INB Trustee. Spd. 9-12-76. Comp.
9-22-76. TD 1777'. IP 50 BOP/0 BW. Silurian, top 1762', acid.
Roby East.

WABASH COUNTY1N, 12W

14, 1425'SL, 75'EL, NE. Bernard Beuligmann & Kieffer Bros. #W-3 Robinson.
Spd. 8-19-76. Comp. 8-21-76. TD 1515'. D&A. Biehl, top 1490'
(approx.). Allendale.

WABASH COUNTY (continued)

1N, 12W

- 24, NE NE SW. Southern Triangle Oil Co. #1-A Marie Stoltz. Spd. 7-3-76.
Comp. 8-24-76. TD 1470'. IP 20 BOP. Biehl, top 1436'. Allendale.
- 26, 1540'NL, 330'EL, SW. Gilbert A. Higgins #1-WI Byrel McFarland.
Spd. 8-27-76. Comp. 8-29-76. TD 1447'. D&A. Biehl, sand absent.
Allendale.
- 26, NW SW NE. Gilbert A. Higgins #6 Byrel McFarland. Spd. 8-8-76.
Comp. 9-7-76. TD 1447'. IP 28 BOP. Biehl, top 1416'. Allendale.
- 28, 330'SL, 582'EL, NE. Gilbert A. Higgins #1 Stevens et al. Comm.
Spd. 8-27-76. Comp. 9-14-76. TD 2343'. D&A. McClosky, top 2332'.
Allendale.

1N, 13W

- 22, SW NW NW. Spartan Petroleum Co. #1 Short et al. Comm. Abd. loc.
Lancaster South.

2N, 12W

- 35, 1860'SL, 712'EL, SE SE SE. Steve Tomko #9 (Carole's) Trimble.
Spd. 8-27-76. Comp. 9-21-76. TD 1425'. IP 16 BOP. Biehl, top
1395'. Allendale.

1S, 13W

- 29, NE SW NE. Royal G. Cantrell #1 Lester Moore. Spd. 8-25-76. Comp.
9-14-76. TD 2812'. D&A. McClosky, top 2797'. New Harmony Consol.
- 33, 974'NL, 990'WL, SW. Juniper Petroleum Corp. #2 Gerald Parmenter.
Conversion. Was Skiles Oil Corp. #2 Gerald Parmenter. Was Bethel
producer. Comp. 8-25-76. COTD 2565'. Water input. Bethel,
top 2523'. New Harmony Consol.
- 33, 482'SL, 990'WL, SW. Juniper Petroleum Corp. #7 Gerald Parmenter.
Conversion. Was C. E. Skiles #7 Gerald Parmenter. Was Cypress and
Bethel producer. Comp. 8-25-76. COTD 2556'. Water input.
Cypress, top 2408'; Bethel, top 2534'. New Harmony
Consol.

2S, 13W

- Irr. 30, 990'NL, 2037'EL, NW. Jack Hocking #5 Jack Hocking et al. Spd.
7-16-76. Comp. 9-7-76. TD 3475'. IP 42 BOP. McClosky, top
2893'. New Harmony Consol.

3S, 14W

- 15, SE NE SE. Coy Oil, Inc. #13C Mary G. Kerwin et al. OWWO & OWDD.
Was #13 M. G. Kerwin et al. Was D&A. OTD 2823'. Comp. 9-30-53.
Recomp. 9-21-76. DTD 3770'. D&A. Warsaw, top 3680'. New
Harmony Consol.

WASHINGTON COUNTY

1S, 2W

- 32, NW SW SE. James H. Donnewald #1 First National Bank of Centralia.
Spd. 8-23-76. Comp. 8-26-76. TD 1460'. D&A. Renault, top 1450'
(approx.). WF.

WASHINGTON COUNTY

3E, 1W

7, SW SE SE. Farm Feeds Construction, Inc. #2 Emil Maliborski. Spd. 5-14-76. Comp. 9-7-76. TD 1202'. IP 50 BOP. Cypress, top 1203'. Dubois Consol.

18, NW NE NE. Farm Feeds Construction, Inc. #1 Andrews. Spd. 8-27-76. Comp. 9-7-76. TD 1244'. D&A. Cypress, top 1225'. Dubois Consol.

WAYNE COUNTY

1N, 5E

26, NE SE NW. Ego Oil Co., Inc. #1 McElyea. OWWO. Was G. E. Shoots #1 McElyea. Was D&A. OTD 3085'. Comp. 6-15-60. Recomp. 10-29-75. COTD 3020'. IP 2 BOP/135 BW. Aux Vases, top 2894'. Johnsonville West.

28, 312'SL, 330'WL, SW. Alene Blades #2 Otto Shelton. Conversion. Was Tony Forino #2 Shelton. Was Ohara producer. Comp. 7-7-75. COTD 2917'. SWD. Ohara, top 2878'. Orchardville.

32, SW NE NE. Alene Blades #1 Ella Ellis. Conversion. Was N. V. Duncan #1 Ella Ellis. Was Aux Vases producer. Comp. 7-2-75. COTD 2860'. Water input. Ohara, top 2819'. Orchardville.

33, NE NW NW. Alene Blades #2 Asa Lee. Conversion. Was Tony Forino #2 Asa Lee. Was Aux Vases producer. Comp. 7-2-75. COTD 2896'. Water input. Aux Vases, top 2836'. Orchardville.

1N, 7E

16, 330'SL, 430'WL, NW NW. Booth Oil Co., Inc. #1 Mugrage. Spd. 8-12-76. Comp. 8-22-76. TD 3960'. D&A. Salem, top 3525' (approx.). Clay City Consol.

35, SE NE SW. Richard W. Beeson #1 Harold Barnard. Spd. 8-15-76. Comp. 9-19-76. TD 3135'. IP 310 BOP/60 BW. Aux Vases, top 3035', mca and frac. Clay City Consol.

1N, 8E

16, NW SE SE. Republic Oil Co. #3-A Laird. Spd. 6-23-76. Comp. 8-2-76. TD 3750'. IP 50 BOP/5 BW. Salem, top 3584', acid. Clay City Consol.

21, NE NW NE. Richard W. Beeson #2 Feller-Secrest. Spd. 8-24-76. Comp. 9-14-76. TD 3730'. D&A. Salem, top 3546'. Clay City Consol.

1N, 9E

22, SW SE NE. Energy Resources Corp. #2 Weber. Spd. 11-7-75. Comp. 9-28-76. TD 4103'. Temp. abd. Warsaw, top 4026'. Maple Grove Consol.

22, 240'NL, 330'WL, NE SE. Energy Resources Corp. #4 P. M. Weber. Spd. 4-4-76 (est.). Comp. 8-10-76. TD 3330'. IP 75 BOP. Aux Vases, top 3188'. Maple Grove Consol.

WAYNE COUNTY (continued)

1N, 9E

22, SW NE SE. Energy Resources Corp. #5 P. M. Weber. Spd. 2-25-76.
Comp. 8-10-76. TD 4054'. IP 45 BOP. Aux Vases, top 3197'.
Maple Grove Consol.

23, NW NW SW. Energy Resources Corp. #1 French. Spd. 4-24-76. Comp.
8-10-76. TD 4025'. IP 130 BOP. McClosky, top 3290' (approx.);
Salem, top 3750' (approx.). Maple Grove Consol.

27, NE NW NE. Energy Resources Corp. #3 Bennett. Spd. 7-19-76.
Comp. 9-1-76. TD 4120'. IP 155 BOP. Ohara, top 3322', acid.
Maple Grove Consol.

2N, 6E

26, NE SE NW. Republic Oil Co. #1 Phillips. Spd. 9-10-76. Comp.
9-20-76. TD 3742'. D&A. Salem, top 3360' (approx.). WN - Zenith
North.

2N, 7E

25, 330'NL, 345'WL, SW NE. Jerry E. Friend #2 Zimmerman. OWWO. Was
J. W. Steele. Was Aux Vases producer. OTD 2923'. Comp. 6-3-52.
Plugged 2-2-57. Recomp. 8-23-76. COTD 2910'. IP 40 BOP.
Aux Vases, top 2900', mca and frac. Clay City Consol.

28, NE NW NW. Edward J. Klockenkemper #1 Lewis & Warren Unit. Spd.
8-2-76. Comp. 8-7-76. TD 3210'. D&A. McClosky, top 3129'.
Rinard North.

2N, 8E

20, NE SE SW. Fletcher F. Farrar #2 Hosselton. Spd. 9-7-76. Comp.
9-21-76. TD 3078'. D&A (SO). McClosky, top 3050'. Clay City
Consol.

1S, 6E

13, SW NW SW. Van Fossan Assoc. #1 Bright-Dunlap Unit. Spd. 7-13-76.
Comp. 8-14-76. TD 3862'. D&A. Salem, top 3580' (approx.).
Johnsonville South.

14, NE SE SE. Van Fossan Associates #4 James Beeson. Spd. 7-23-76.
Comp. 9-18-76. TD 3847'. IP 52 BOP. Spar Mountain, top 3162'.
Johnsonville South.

23, SW NE NW. Modern Explorations #2-A Fansler. OWWO & OWDD. Was
Robinson & Puckett #2 T. E. Smith. Was D&A. OTD 3217'. Comp.
3-7-50. Recomp. 8-22-76. DTD 3961'. IP 400 BOP/0 BW.
Salem, top 3556', mca. Johnsonville South.

1S, 7E

34, NW NE NW. Hobson Oil Co. #1 Taylor. Spd. 6-16-76. Comp. 9-1-76.
TD 4025'. IP 23 BOP/20 BW. Salem, top 3794', acid. Clay City
Consol.

WAYNE COUNTY (continued)1S, 8E

22, NW NE NW. Juniper Petroleum Corp. #31-22 Wylie. Spd. 7-23-76.
Comp. 8-25-76. TD 3822'. IP 79 BOP/111 BW. Salem, top 3768',
acid frac. Clay City Consol.

2S, 7E

Irr. 6, 330'NL, 330'EL, NE. Van Fossan Assoc. #1 Virgil Manahan. Spd.
6-22-76. Comp. 7-3-76. TD 4150'. D&A. Ullin, top 4045'. Clay
City Consol.

2S, 8E

34, C E/2 SE NE. Bernard Podolsky #1 Carson Oakley "B". Spd. 4-30-76.
Comp. 9-7-76. TD 4154'. IP 22 BOP/130 BW. Salem, top 4006', frac.
Barnhill.

34, C E/2 SW NE. Bernard Podolsky #1 Watkins. Spd. 4-9-76. Comp.
8-24-76. TD 4125'. IP 25 BOP/150 BW. Salem, top 4033', acid frac.
Barnhill.

35, 610'SL, 330'EL, SW NW. Bernard Podolsky #1 A. Logan Hodges. Spd.
5-14-76. Comp. 8-24-76. TD 4170'. IP 60 BOP/140 BW. Salem,
top 3820', acid. Barnhill.

36, SW NE SE. Jerry E. Friend #2 Laws. Spd. 4-23-76. Comp. 7-26-76.
TD 4306'. IP 50 BOP. Aux Vases, top 3308', mca and frac.
Barnhill.

2S, 9E

13, SW NW SW. Runyon Oil Exploration, Inc. #2 Erma Winter. Spd. 7-7-76.
Comp. 8-19-76. TD 3416'. IP 60 BOP/trace of water. Aux Vases,
top 3240', frac.; McClosky, top 3361', acid. Goldengate
Consol.

WHITE COUNTY3S, 9E

34, 440'SL, 509'WL, NW NE. Andy G. Hocking #1 Cora Elliott et al. Spd.
6-9-76. Comp. 8-18-76. TD 4214'. IP 12 BOP/75 BW. Salem, top
4057', acid and frac. Goldengate Consol.

34, C W/2 SE NE. Andy G. Hocking #1 Jesse Stephens. Spd. 5-22-76.
Comp. 7-29-76. TD 4224'. IP 10 BOP/trace of water. Ullin, top
4200', nat. Goldengate Consol.

4S, 9E

25, NE NW SE. R. O. Wilson II #2 W. R. & R. J. Winter. Spd. 7-13-76.
Comp. 8-24-76. TD 2535'. IP 15 BOP. Tar Springs, top 2502', frac.
Sumpter.

4S, 14W

Irr. 18, 330'NL, 330'WL, SW NW. William R. & Phyllis Becker #4 E. Hon.
OWWO. By Wm. R. & Phyllis Becker. Was McClosky producer. OTD
3047'. Comp. 6-5-45. Plugged 12-21-71. COTD 1810'. Temp.
abd. Junk in hole. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 14W

34, NE NE SE. The Superior Oil Co. #1 Rebstock-Ford. Spd. 6-22-76.
Comp. 9-7-76. TD 3400'. IP 9 EOP/35 BW. McClosky, top 2926',
acid; St. Louis, top 3092', acid and frac. New Harmony
Consol.

35, SW SW NW. The Superior Oil Co. #C-26 H. C. Ford et al. Spd. 6-10-76.
Comp. 8-18-76. TD 3415'. IP 13 BOP/114 BW. Ohara, top 2940', mca
and acid; Spar Mountain, top 3016', mca; St. Louis, top 3304',
acid and frac. New Harmony Consol.

5S, 8E

9, NE NW NE. R. K. Petroleum Corp. #3 Willard Brockett, Jr. Spd.
8-29-76. Comp. 9-21-76. TD 3335'. IP 54 BOP/0 BW. Aux Vases,
top 3312', nat. Enfield North.

19, NE SW NE. Reynolds & Vincent #4 Robert J. Wilson Comm. Spd. 8-5-76.
Comp. 9-4-76. TD 3340'. IP 88 BOP/4½ BW. Aux Vases, top 3331',
shot. Enfield.

34, SW SW NE. J. D. Turner #7 John R. Hillyard et al. Abd. loc. WN -
Enfield.

5S, 9E

33, SW NW SW. Midwest Oil Producers #1 O'Neill-Pyle. Spd. 9-1-76.
Comp. 9-21-76. TD 3210'. D&A. McClosky, top 3192'. Roland
Consol.

5S, 10E

11, 330'NL, 350'EL, NW SE. Richard W. Beeson #2 Earlene Brooks. Spd.
6-21-76. Comp. 8-24-76. TD 2148'. IP 20 BOP. Palestine, top
2136'. Phillipstown South. NEW PAY IN FIELD.

6S, 8E

9, 335'SL, 330'WL, NW. Reynolds & Vincent #1 M. L. Miller et al. Comm.
Spd. 8-14-76. Comp. 8-31-76. TD 3415'. D&A. McClosky, top
3322'. WN - Enfield South.

24, NW SW NE. Garden Drilling Co. #3 Holmes. OWWO. Was C. E. Skiles
#1 J. Lawrence. Was D&A. OTD 3165'. Comp. 6-7-49. Recomp. 9-7-76.
COTD 3165'. IP 20 BOP/trace of water. McClosky, top 3096'.
Roland Consol.

25, SW SE NW. Sands Oil Corp. #2 Curtis Green. Spd. 9-7-76. Comp.
9-14-76. TD 3140'. D&A. Fredonia, top 3086'. Roland Consol.

30, NE NW SW. Reynolds & Vincent #1 Mary Britton Comm. Spd. 9-11-76.
Comp. 9-28-76. TD 3321'. D&A. Spar Mountain, top 3215'. WF.

6S, 9E

22, 380'NL, 330'EL, SW NW. Southern Triangle Oil Co. #2-A Otto Atchley.
Abd. loc. Storms Consol.

WHITE COUNTY (continued)

6S, 9E

22, 380'NL, 330'WL, SE NW. Southern Triangle Oil Co. #6-A C. S. Austin.
Abd. loc. Storms Consol.

6S, 10E

15, 610'NL, 660'WL, SW. Duke Resources Corp. #1 Morrill-Emmerson Comm.
Spd. 8-5-76. Comp. 8-22-76. TD 4010'. D&A. Ullin, top 3950'
(approx.). Concord Consol.

7S, 9E

17, NW SW NE. Hertzing Production Service Corp. #1 Leon Noel. OWWO.
Was Pioneer Oil & Gas Co. #1 E. Noel. Was plugged Pennsylvanian
sand producer. OTD 1930'. Comp. 4-24-56. Recomp. 8-30-76.
COTD 1930'. IP $2\frac{1}{2}$ BOP/ $\frac{1}{2}$ BW. Pennsylvanian, top 1876'.
Herald Consol.

7S, 10E

24, SE NE SW. Farmers Petroleum Cooperative, Inc. #7 Wasem. OWWO.
Was B. M. Heath #1 Elsa Kimball. Was D&A. OTD 2926'. Comp. 5-10-49.
Recomp. 8-24-76. COTD 2538'. IP 12 BOP/2 BW. Cypress, top
2461', acid frac. New Haven Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH SEPTEMBER 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

BOND COUNTY

- 10-6N-2W, 165'NL, 165'WL, NE NW. Spindler Investment Co. #1 Spindler. 1019'.
9-1-76. Woburn Consol.
10-6N-2W, 132'NL, 165'WL, SW NE NW. Spindler #2 Spindler. 1012'. 9-2-76.
Woburn Consol.
10-6N-2W, 165'NL, 165'WL, SE NW. Spindler Investment Co. #3 Spindler. 1016'.
9-1-76. Woburn Consol.

CLARK COUNTY

- 23-9N-14W, 220'SL, 220'WL, SW. Pure Oil Co. #4 Jacob Cribelar. 537'.
8-14-74. Johnson South.
23-9N-14W, 220'NL, 220'WL, SW SW SW. Pure Oil Co. #5 Jacob Cribelar. 524'.
8-16-74. Johnson South.
32-9N-14W, 380'SL, 330'WL, SE. James R. Eickberg #4 Maud Kimlin. 1215'.
9-4-76. Oak Point.

CLAY COUNTY

- 9-2N-7E, NW NW SW. East Central Developing Co. #2 S. Howell. 3144'.
9-13-76. Clay City Consol.
9-2N-7E, 660'NL, 330'EL, NW SW. East Central Developing Co., Inc. #3 Sam
Howell. 3149'. 9-14-76. (Water input, formerly a producer.) Clay
City Consol.
16-2N-7E, SE SW SE. Hanson Oil Co. #1 Gill, formerly Noah Petro. Co. #1
G. E. Bay. 3200'. 5-20-67. Clay City Consol.
16-2N-7E, NE SE SE. Hanson Oil Co. #1 Pettijohn. 3206'. 8-27-76. Clay
City Consol.
23-3N-6E, NE SE SW. Hanson Oil Co. #1 Shipley Comm. 3012'. 8-23-76.
Sailor Springs Consol.

CLINTON COUNTY

- 1-3N-1W, NE NE NE. Kewanee Oil Co. #1 Albert Unit. 4003'. 8-2-76. (Water
input, formerly a producer.) Patoka.
1-3N-1W, SE NE NE. Kewanee Oil Co. #1-W Al., formerly #1 Albert Hopkins.
4010'. 8-4-76. (Water input, formerly a producer.) Patoka.

COLES COUNTY

- Fr. 19-14N-8E, 330'NL, 466'EL, SW. Harold C. Sanders #3 Huffman. 1822'.
8-13-76. Cooks Mills Consol.

CRAWFORD COUNTY

- 15-5N-11W, SW NE SE. D. W. Franchot & Co. #1 Snider. 998'. 12-22-75. Main
Consol.
15-5N-11W, NW NE SE. Ashland Oil & Refining Co. #2 A. Snider. 1015'.
12-22-75. Main Consol.
15-5N-11W, SE NE SE. Ashland Oil & Refining Co. #4 A. Snider. 999'.
12-19-75. Main Consol.
20-7N-12W, 467'NL, 1095'EL, SW. Logan Oil Co. #0-1 Morrison. 1025'. 5-3-76.
Main Consol.

CRAWFORD COUNTY (continued)

- 20-7N-12W, 1035'NL, 160'WL, NE SW. Logan Oil Co. #0-3 Morrison. 977'.
5-4-76. Main Consol.
- 20-7N-12W, 1565'NL, 300'EL, SW SE. Logan Oil Co. #0-5 Morrison. 991'.
4-28-76. Main Consol.

EDWARDS COUNTY

- 29-2S-14W, NW SW SE. Laurent Oil Co. #2 Albert Walker. 3114'. 8-6-76.
Albion East.

EFFINGHAM COUNTY

- 3-7N-7E, NW SW SW. Energy Resources of Indiana, Inc. #1 John W. Niemerg.
5375'. 8-11-76. Evers.

FRANKLIN COUNTY

- 18-6S-2E, 440'SL, 400'EL, NW SW. John Carey Oil Co. #1 D. Flatt Comm. 3060'.
8-13-76. Buckner.
- 25-6S-4E, 330'SL, 650'WL, NE SW. C. E. Brehm Drlg. & Producing Co. #1 U. S.
Steel "E". 3150'. 8-2-76. (Water input, formerly a producer.) Akin.
- 25-6S-4E, SE SW SW. C. E. Brehm Drlg. & Producing Co. #3 U. S. Steel "A".
3148'. 7-23-76. Akin.
- 25-6S-4E, NE SE SW. C. E. Brehm Drlg. & Prod. #7 U. S. Steel "A". 3144'.
8-10-76. Akin.
- 25-6S-4E, SE SE SW. C. E. Brehm Drlg. & Prod. #8 U. S. Steel "A". 3147'.
8-18-76. Akin.
- 25-6S-4E, 330'SL, 30'EL, NE SW. C. E. Brehm Drlg. & Prod. #2 U. S. Steel "E".
3147'. 8-5-76. Akin.

JASPER COUNTY

- 27-8N-9E, NE SE SE. Richard C. Wolf #1 Phillip Eubank. 3052'. 8-20-76.
Rose Hill.

LAWRENCE COUNTY

- 2-2N-12W, 795'NL, 175'EL, NW NE. Ohio Oil Co. #8 L. A. Buchanan. 1641'.
4-30-76. Lawrence.
- 2-2N-12W, 175'NL, 200'WL, NE NE. Shaffer & Smathers #2 Maggie Finley.
1624'. 7-8-75. Lawrence.
- 2-2N-12W, 610'NL, 220'EL, NE NW. Ohio Oil Co. #24 J. B. Kerr. 1828'.
5-24-76. Lawrence.
- 2-2N-12W, 520'SL, 180'EL, SE NW. Ohio Oil Co. #31 J. B. Kerr. 1950'.
11-19-75. Lawrence.
- 2-3N-12W, 200'SL, 210'EL, NW. Ohio Oil Co. #1 Hattie Tanquary. 1627'.
7-15-76. Lawrence.
- 2-3N-12W, 2200'NL, 1480'WL, NW. Ohio Oil Co. #7 Hattie Tanquary. 1625'.
5-22-75. Lawrence.
- 15-3N-12W, 240'SL, 375'WL, NE NE. Ohio Oil Co. #17 Lee Gillespie a/c 2.
1568'. 10-30-75. Lawrence.
- 15-3N-12W, 275'NL, 1200'WL, SE. Ohio Oil Co. #5 Clay Seed a/c 2. 1588'.
3-15-76. Lawrence.
- 23-3N-12W, 335'NL, 290'WL, NW SW. Ohio Oil Co. #12 T. P. Gillespie. 1563'.
11-5-75. Lawrence.
- 26-3N-12W, 210'NL, 235'EL, NW NE. Ohio Oil Co. #2 George Gray a/c 2. 1584'.
9-9-75. Lawrence.

LAWRENCE COUNTY (continued)

- 27-3N-12W, 600'SL, 210'EL, SE SE. Ohio Oil Co. #5 E. Leighty a/c 3. 1033'.
5-10-76. Lawrence.
- 35-3N-12W, 185'SL, 235'WL, SE SE. Ohio Oil Co. #13 A. L. Gould. 1818'.
4-28-76. Lawrence.
- 35-3N-12W, 300'SL, 200'WL, NW SE. Ohio Oil Co. #15 A. L. Gould. 1766'.
7-18-75. Lawrence.
- 35-3N-12W, 350'NL, 350'WL, NW SE. Ohio Oil Co. #16 A. L. Gould. 1807'.
7-31-75. Lawrence.
- 35-3N-12W, 600'NL, 160'EL, SE SW. Marathon Oil Co. #33 T. I. Gould. 1701'.
7-12-75. Lawrence.
- 35-3N-12W, 180'NL, 620'WL, SW SE. Central Refining Co. #11 Laura Jenner a/c 1.
1593'. 7-10-75. Lawrence.
- 35-3N-12W, 180'NL, 25'WL, NE SW SE. Cochran #5 Laura J. Jenner a/c 1. 997'.
10-7-75. Lawrence.
- 35-3N-12W, 750'NL, 210'WL, NE NE. Marathon Oil Co. #31 G. L. Ryan a/c 3.
1810'. 11-20-75. Lawrence.
- 36-3N-12W, 185'SL, 180'EL, NE SW. R. B. Donnelly Agent #6 C. E. Buchanan.
1560'. 9-26-75. Lawrence.
- 36-3N-12W, 200'NL, 225'WL, NE SW. Red Bank #13 C. E. Buchanan. 1795'.
10-2-75. Lawrence.
- 36-3N-12W, 225'SL, 220'EL, NW SW. Ohio Oil Co. #4 John Gould a/c 1. 1793'.
9-22-75. Lawrence.
- 36-3N-12W, 200'NL, 220'EL, SW SW. Ohio Oil Co. #5 John Gould a/c 1. 1806'.
10-14-75. Lawrence.
- 36-3N-12W, 205'NL, 205'EL, NW SW. Ohio Oil Co. #6 John Gould a/c 1. 1777'.
7-29-75. Lawrence.
- 36-3N-12W, 250'NL, 175'EL, NW NE. Ohio Oil Co. #8 T. Leighty. 1830'.
5-6-76. Lawrence.
- 18-4N-12W, 200'SL, 625'EL, NE NE. Ohio Oil Co. #3 Minnie Wright. 1522'.
10-13-75. Lawrence.
- 19-4N-12W, 145'SL, 260'WL, NE SE. Ohio Oil Co. #3 George Lathrop. 934'.
8-11-75. Lawrence.
- 20-4N-12W, 150'SL, 325'WL, SW SE. E. N. Gillespie #2 Oscar Smith. 1455'.
5-7-76. Lawrence.
- 30-4N-12W, 590'SL, 175'EL, SE SE. Ohio Oil Co. #16 L. D. Sutton. 1054'.
4-13-76. Lawrence.
- 1-4N-13W, SE NE SE. Ohio Oil Co. #3 Mary A. Martin. 1634'. 7-18-75.
Lawrence.

MCDONOUGH COUNTY

- 10-4N-4W, 220'NL, 630'EL, SE SW. Ohio Oil Co. #11 A. C. Wear. 500'. 2-9-76.
Colmar-Plymouth.
- 16-4N-4W, 220'SL, 220'WL, SW NW NE. Ohio Oil Co. #12 John Bennie. 446'.
4-22-76. Colmar-Plymouth.
- 16-4N-4W, 140'SL, 810'WL, NW NE. Ohio Oil Co. #19 E. H. Hendricks. 439'.
4-22-76. Colmar-Plymouth.

MARION COUNTY

- Irr. 6-3N-1E, NW SW NW. National Assoc. Petro. Co. #1 Brokelmeyer Comm.
4034'. 7-19-76. (Water input, formerly a producer.) Patoka.
- Fr. 6-3N-1E, NE SE NW. National Assoc. Petro. Co. #1 Mabel Brokelmeyer.
4025'. 7-15-76. (Water input, formerly a producer.) Patoka.

MARION COUNTY (continued)

- 6-3N-1E, SW NW NE. Kewanee Oil Co. #6 Oscar. 4020'. 7-26-76. Patoka.
Fr. 31-4N-1E, 922'SL, 330'EL, SW. Kewanee Oil Co. #1 Arbie Hop. 4035'.
7-27-76. Patoka.
- 31-4N-1E, SW NW SE. Kewanee Oil Co. #1 Oscar. 4034'. 7-22-76. (Water
input, formerly a producer.) Patoka.
- Fr. 31-4N-1E, NW SE SE. Kewanee Oil Co. #8 Oscar. 4016'. 7-27-76. (Water
input, formerly a producer.) Patoka.
- Fr. 31-4N-1E, NE NE SW. Kewanee Oil Co. #1 Whitney. 4026'. 7-20-76.
(Water input, formerly a producer.) Patoka.

WABASH COUNTY

- 17-1S-12W, 330'SL, 1093'EL, SW. Shell Oil Co. #46W Mt. Carmel WF Unit,
formerly #1 Highland Comm. 2379'. 6-21-76. (Water input, formerly a
producer.) Mt. Carmel.
- 17-1S-12W, 820'SL, 1326'EL, SW. Shell Oil Co., Inc. #3 Highland Comm.
2056'. 6-21-76. Mt. Carmel.
- 17-1S-12W, 950'NL, 1323'EL, SW. Shell Oil Co., Inc. #44-W Mt. Carmel Flood
Unit, formerly #4 Highland Comm. 2417'. 6-21-76. (Water input,
formerly a producer.) Mt. Carmel.
- 17-1S-12W, 994'NL, 250'EL, SW. Shell Oil Co., Inc. #49-W Mt. Carmel Flood
Unit, formerly #1 S. B. Risley. 2361'. 6-22-76. (Water input, for-
merly a producer.) Mt. Carmel.
- 17-1S-12W, 991'SL, 550'EL, SW. Shell Oil Co., Inc. #48-W Mt. Carmel Flood
Unit, formerly #4 S. B. Risley. 2385'. 6-22-76. (Water input, for-
merly a producer.) Mt. Carmel.
- 17-1S-12W, 330'SL, 1329'EL, SW. Shell Oil Co. #41-W Mt. Carmel Water Flood
Unit, formerly #1 S. S. Trapp. 2454'. 6-22-76. (Water input, formerly
a producer.) Mt. Carmel.
- 18-1S-12W, 1078'NL, 330'EL, SE. Shell Oil Co., Inc. #4 P. F. Hain. 2057'.
6-21-76. Mt. Carmel.
- 18-1S-12W, 437'SL, 505'EL, NE. Shell Oil Co. #29 Mt. Carmel Flood Unit,
formerly Stroube & Stroube #2 Mt. Carmel Comm. 2080'. 6-22-76.
Mt. Carmel.
- 18-1S-12W, 1294'SL, 950'EL, SE. Shell Oil Co., Inc. #20-W Mt. Carmel Water
Flood Unit, formerly #7 P. F. Hein. 2053'. 6-21-76. (Water input,
formerly a producer.) Mt. Carmel.
- 18-1S-12W, 873'SL, 908'WL, NE. Shell Oil Co. #14-W Mt. Carmel Waterflood
Unit, formerly Shell Oil #3 Mt. Carmel Comm. 2094'. 6-22-76.
Mt. Carmel.

WAYNE COUNTY

- 21-1N-8E, SW SE NW. Fletcher F. Farrar #1 Straub. 3886'. 6-22-76. Clay
City Consol.
- Irr. 31-2N-9E, SW NE SE. John M. Zanetis #1 J. Davis. 3666'. 7-2-76.
Clay City Consol.
- 28-1S-8E, SE NW NE. N. V. Duncan #1 J. C. Bing. 3220'. 7-20-76. Clay
City Consol.

WHITE COUNTY

- 10-4S-14W, 330'SL, 390'EL, SW. Calvin Oil Co. #1 H. R. Davenport, formerly
C. E. Skiles & Calvin Oil Co. 2654'. 7-28-76. (Water input, formerly
a producer.) New Harmony Consol.

WHITE COUNTY (continued)

33-5S-8E, 660'NL, 330'EL, SE NW. Mack Holt #1 Biggerstaff, formerly J. O. DeLap. 3494'. 6-30-76. Enfield.

17-7S-8E, 330'NL, 430'EL, SW NW. Mack Holt #1 Wm. W. Douglas, formerly Geo. & Wrather Drig. Co. 3215'. 7-2-76. Roland Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (St. Genevieve) in Illinois (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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DISCOVERIES

New Fields

None

New Pay Zones in Fields

ENFIELD NORTH. White County, 9-5S-8E, Ohara at 3403'. Discovery well, R K Petroleum Corp. #1 Triple AAA Ranch, IP 85 BOP.

EWING EAST. Franklin County, 2-5S-3E, St. Louis at 3262' and Ullin at 3879'.
Discovery well, C. E. Brehm Drilling & Producing #1 Clayton Heirs Comm.,
IP 104 BOP, 70 BW.

Extensions to Fields

EWING EAST. Franklin County, 2-5S-3E, St. Louis at 3262' and Ullin at 3879'.
Discovery well, C. E. Brehm Drilling & Producing #1 Clayton Heirs Comm.,
IP 104 BOP, 70 BW.

FLORA SOUTHEAST. Clay County, 14-2N-6E, McClosky at 3116'. Discovery well,
Republic Oil Co., Inc. #3 L. Valbert (OWWO, was D&A), IP 20 BOP, 5 BW.

OAKDALE NORTH. Jefferson County, 9-2S-4E, McClosky at 2995'. Discovery well,
Fletcher F. Farrar #1 Farrar, IP 16 BOP.

TABLE 1

New Pools Discovered from November 1975 through October 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|----------------------|------|------|------------------|------|------|
| <u>November 1975</u> | | | <u>May</u> | | |
| None | | | None | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | Hadley: | | |
| | | | Richland | 4N | 14W |
| <u>January 1976</u> | | | Kell North: | | |
| Oconee: | | | Marion | 1N | 3E |
| Shelby | 10N | 1E | <u>July</u> | | |
| <u>February</u> | | | None | | |
| Harristown S: | | | <u>August</u> | | |
| Macon | 16N | 1E | Enfield North: | | |
| <u>March</u> | | | White County | 5S | 8E |
| None | | | <u>September</u> | | |
| <u>April</u> | | | None | | |
| None | | | <u>October</u> | | |
| | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | New Dry Holes | | | Production in | | |
|-------|--|---------------------------|---------------------|--------------------|---------------|---------------------|-----------------|----------------------|-----|--------|
| | Field Wells | Discoveries Field Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near Far | Total New Tests | Thousands of Barrels | | |
| 1975 | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 59 | 22 | 22 | 207 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 48 | 1 | 3 | 49 | 3 | 29 | 4 | 10 | 92 | 2,259 |
| Sept. | 92(1) | 0 | 0 | 86(1) | 6 | 35 | 9 | 7 | 138 | 2,195 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,265 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through August 1976 are from reports received directly from crude gathering companies. The figures for September and October 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, October 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------------|-------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | Conversions Were | | | |
| | | | Prod. | D&A | | New | Prod. | Others | |
| Bond | 3 | - | - | - | - | - | - | - | - |
| Christian | 4 | - | - | - | - | - | - | - | - |
| Clark | 3 | 1 | - | 1 | - | - | - | - | - |
| Clay | 10 | 14 | 6 | 3 | 1 | 1 | 3 | - | - |
| Clinton | 3 | 1 | 1 | - | - | - | - | - | - |
| Coles | 1 | 1 | - | - | - | - | - | - | 1 |
| Crawford | 6 | 34 | 24 | 1 | - | 9 | - | - | - |
| Cumberland | 3 | - | - | - | - | - | - | - | - |
| Douglas | 1 | 1 | - | - | 1 | - | - | - | - |
| Edgar | 4 | 3 | 1* | 1 | - | - | - | - | 1 |
| Edwards | 5 | 1 | 1 | - | - | - | - | - | - |
| Hillingham | 4 | - | - | - | - | - | - | - | - |
| Fayette | 5 | - | - | - | - | - | - | - | - |
| Franklin | 4 | 3 | 1 | 2 | - | - | - | - | - |
| Gallatin | 1 | 2 | - | 2 | - | - | - | - | - |
| Jackson | 1 | - | - | - | - | - | - | - | - |
| Jasper | 4 | 1 | - | - | - | - | 1 | - | - |
| Jefferson | - | 5 | 2 | 3 | - | - | - | - | - |
| Lawrence | 12 | 5 | 3 | 1 | - | 1 | - | - | - |
| McDonough | 1 | - | - | - | - | - | - | - | - |
| Macon | - | 1 | - | 1 | - | - | - | - | - |
| Marion | 4 | 3 | - | - | - | - | 3 | - | - |
| Monroe | 10 | - | - | - | - | - | - | - | - |
| Montgomery | 1 | - | - | - | - | - | - | - | - |
| Perry | - | 3 | - | 3 | - | - | - | - | - |
| Richland | 5 | 4 | 1 | - | - | - | 1 | 2 | - |
| Saline | 2 | 2 | - | 2 | - | - | - | - | - |
| Sangamon | 1 | 1 | - | 1 | - | - | - | - | - |
| Wabash | 11 | 6 | 2 | 3 | - | 1 | - | - | - |
| Washington | 1 | 1 | - | 1 | - | - | - | - | - |
| Wayne | 35 | 23 | 15 | 4 | - | 1 | 2 | 1 | - |
| White | 15 | 9 | 5 | 3 | - | - | 1 | - | - |
| | 160 | 125 | 62 | 32 | 2 | 13 | 11 | 3 | 2 |

* Gas well.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, October 1, 1976, through October 28, 1976.

Table IV

Drilling by Counties, Natural Gas Storage, October 1976

| County | Permits to drill ^o | Total Comp. | Struc- ture Tests | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|-------------------------|---------------------------|------------------|---------------|------------------|
| | | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | - | 8 | - | 8 | - | - | - |
| Henry | 10 | 9 | 9 | - | - | - | - |
| Kankakee | 1 | 4 | 4 | - | - | - | - |
| Knox | 1 | 1 | 1 | - | - | - | - |
| Livingston | - | 1 | 1 | - | - | - | - |
| McLean | <u>2</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 14 | 23 | 15 | 8 | - | - | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, October 1, 1976, through October 28, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

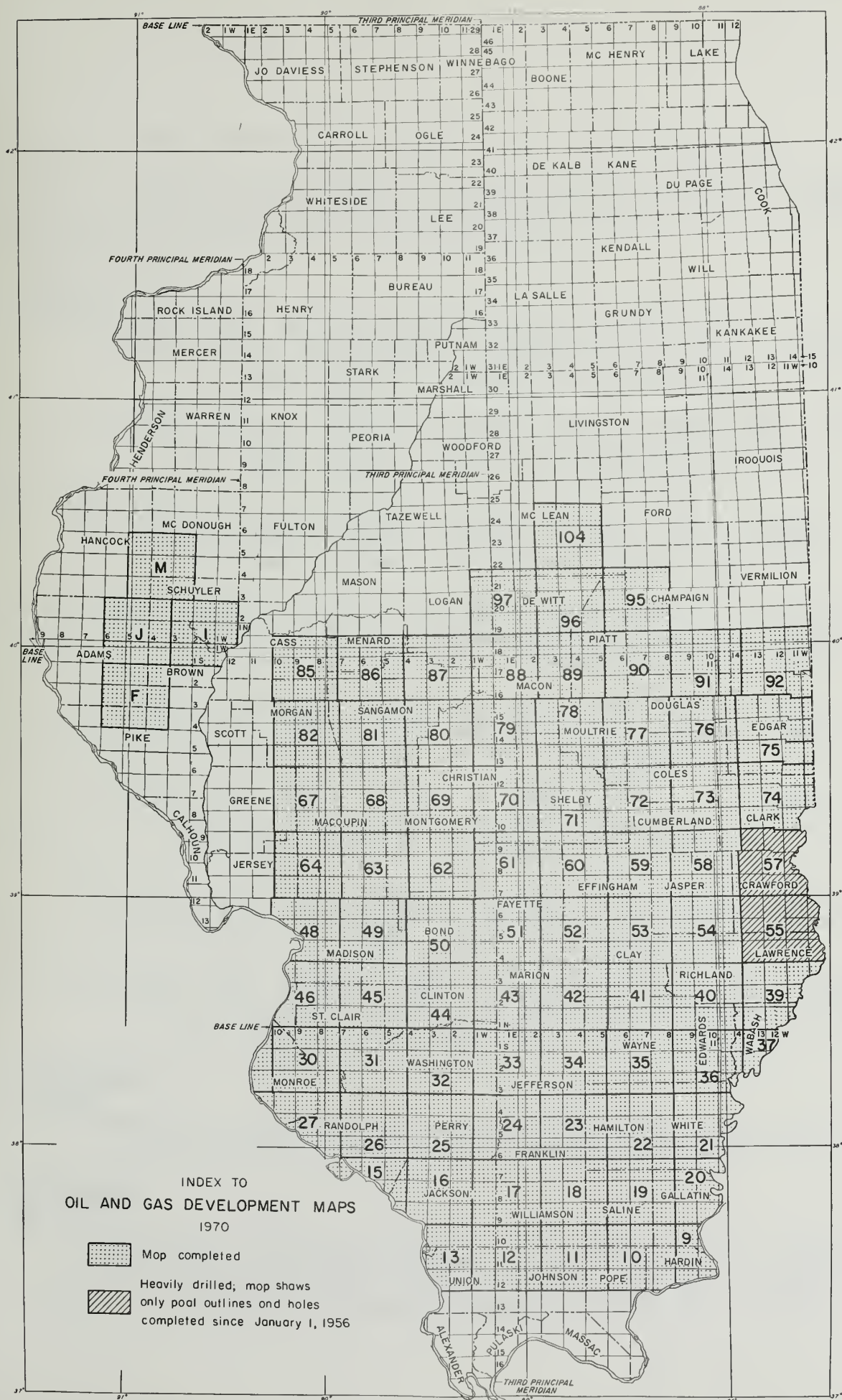
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM OCTOBER 2, 1976 TO OCTOBER 29, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

CHAMPAIGN COUNTY

21N, 7E

- 3, 104'SL, 50'WL, NW. The Peoples Gas Light & Coke Co. #5 W. Leischner. Spd. 6-11-74. Comp. 7-9-74. TD 4238'. Gas injection-withdrawal. Mt. Simon, top 4018'. Manlove Gas Storage Field.
- 7, 70'NL, 70'EL, SW. Peoples Gas Light & Coke Co. #1 W. Hanks. Spd. 6-29-75. Comp. 8-1-75. TD 4323'. Gas injection-withdrawal. Mt. Simon, top 4068'. Manlove Gas Storage Field.
- 8, 73'NL, 123'EL, NW. Peoples Gas Light & Coke Co. #2 V. Wilkins. Spd. 5-25-75. Comp. 6-27-75. TD 4215'. Gas injection-withdrawal. Mt. Simon, top 3968'. Manlove Gas Storage Field.
- 9, 88'SL, 110'WL, NE SE SW. Peoples Gas Light & Coke Co. #5 Peoples Gas Light & Coke Co. Spd. 10-23-75. Comp. 11-19-75. TD 4236'. Gas injection-withdrawal. Mt. Simon, top 3952'. Manlove.
- 22, 0'NL, 61'EL, SW NE. Peoples Gas Light & Coke Co. #1 L. Kuhns. Spd. 5-9-76. Comp. 6-5-76. TD 4312'. Gas injection-withdrawal. Mt. Simon, top 4005'. Manlove Gas Storage Field.
- 27, 55'NL, 84'WL, SE NW. Peoples Gas Light & Coke Co. #5 F. Hazen. Spd. 6-9-76. Comp. 7-15-76. TD 4202'. Gas injection-withdrawal. Mt. Simon, top 4065'. Manlove Gas Storage Field.
- 28, 29'SL, 59'EL, NW SE. Peoples Gas Light & Coke Co. #3 J. Kroner. Spd. 7-19-76. Comp. 8-13-76. TD 4300'. Gas injection-withdrawal. Mt. Simon, top 4058'. Manlove Gas Storage Field.
- 29, 75'SL, 76'WL, SW SW NW. Peoples Gas Light & Coke Co. #2 M. Plunk. Spd. 6-11-76. Comp. 7-16-76. TD 4350'. Gas injection-withdrawal. Mt. Simon, top 4050'. Manlove Gas Storage Field.

CLARK COUNTY

11N, 11W

- 26, SE SE SE. Reynolds & Vincent #1 David Thompson. Spd. 9-26-76. Comp. 10-1-76. TD 2347'. D&A. Devonian, top 2242'. WF.

CLAY COUNTY

2N, 6E

- 14, SW SE NW. Republic Oil Co., Inc. #3 L. Valbert. OWWO. Was Aurora Gasoline Co. #1 Leslie Valbert. Was D&A. OTD 3179'. Comp. 8-26-52. Recom. 9-11-76. COTD 3179'. IP 20 BOP/5 BW. McClosky, top 3116'. EXTENSION TO FLORA SE.

CLAY COUNTY (continued)

2N, 7E

10, NE SE SE. David F. Herley #1 O. A. Kelley. OWDD-Conversion. Was Aux Vases producer. OTD 2969'. Comp. 6-1-73. Recom. 6-21-76. DTD 3685'. Water input. Aux Vases, top 2969'. Clay City Consol.

13, SE NW SE. Booth Oil Co., Inc. #2 Ullom. Spd. 9-2-76. Comp. 10-16-76. TD 3644'. IP 3 BOP/12 BW. Salem, top 3552', acid frac. Clay City Consol.

3N, 5E

23, NE NW NW. Booth Oil Co., Inc. #1 Lee. Spd. 10-16-76. Comp. 10-22-76. TD 3000'. D&A. McClosky, top 2958'. Kenner West.

36, NE SW SW. Don Durr #1 Tackett. Conversion. Was Aux Vases producer. Comp. 3-1-75 (est.). COTD 2780' (approx.). SWD. Bethel, top 2720'. Kenner.

3N, 7E

1, SW SW SW. Hagen Oil Co. #1 Lowell Hagen Jr. Conversion. Was Spar Mountain producer. Comp. 9-17-76. COTD 2989'. Water input. Spar Mountain, top 2952'. Sailor Springs Consol.

4N, 5E

2, SW SW NE. Charles T. Evans #1 Lulu Byers Comm. Spd. 10-9-76. Comp. 10-12-76. TD 2720'. D&A. McClosky, top 2635'. WN - Iola South.

14, C S/2 SW NW. K Oil, Inc. #1 Beth Harrell. Spd. 9-7-76. Comp. 10-1-76. TD 2641'. IP 15 BOP/0 BW. Spar Mountain, top 2626'. Iola South.

35, NW NW NW. Ivan R. Jones #3 N. Pursell. OWDD. Conversion. Was Texaco #3 N. Pursell. Was Benoist producer converted to water input. OTD 2608'. Comp. 4-20-75. DTD 2775'. IP 3 BOP/10 BW. Aux Vases, top 2660'; McClosky, top 2740'. Oskaloosa.

4N, 6E

20, SE SW SE. K Oil, Inc. #3 Schoonover. Spd. 7-13-76. Comp. 9-15-76. TD 2882'. IP 59 BOP/0 BW. Spar Mountain, top 2857', acid. Louisville.

29, 380'NL, 330'EL, NW NE. S & S Oil Co. #2-A V. Cox. Spd. 6-29-76. Comp. 8-9-76. TD 2905'. IP 6 BOP/35 BW. Spar Mountain, top 2874', mca. Louisville.

4N, 8E

Irr. 19, 990'SL, 330'WL, NW. McKinney Oil Producer, Inc. #2 D. Stanley. Spd. 8-8-76. Comp. 10-3-76. TD 2997'. IP 8 BOP/35 BW. Spar Mountain, top 2969', mca. Sailor Springs North.

CLAY COUNTY (continued)5N, 5E

3, SE SE SE. Tom Kiernan #1-A Oboikovitz. Conversion. Was Spar Mountain producer. Comp. 7-22-75. COTD 2447'. SWD. Aux Vases, top 2360'. Iola Consol.

3, NE SE SE. K Oil, Inc. #3 Oboikovitz. Spd. 7-27-76. Comp. 10-6-76. TD 2453'. IP 5 BOP/36 BW. Cypress, top 2160', frac. Iola Consol.

Irr. 13, SE SW NW. E. & D. Sherman #1 Richard H. & Betty J. Fancher. Spd. 2-12-74. Comp. 4-1-74 (est.). TD 2853'. D&A. Salem, top 2823' (approx.). Iola Consol.

CLINTON COUNTY3N, 1W

13, 380'SL, 960'WL, SE SW. Elmer Oelze, Jr. #1-B Ducomb. Spd. 7-20-76. Comp. 8-17-76. TD 3995'. IP 5 BOP/20 BW. Trenton, top 3982', acid. Fairman.

13, NW SE SE. Elmer Oelze, Jr. #1 Kreidler. OWWO. OWDD. Was J. W. Alexander et al. #1 C. Kreidler. Was plugged Bethel producer. OTD 1470'. Comp. 8-29-50. Recomp. 10-2-76. DTD 4045'. IP 19 BOP. Trenton, top 3972', acid. Fairman.

CRAWFORD COUNTY5N, 12W

9, SE NW NW. David Jones Oil Producer #1-A Walter Clark. Spd. 7-25-76. Comp. 10-26-76. TD 1465'. IP 9 BOP. Robinson, top 834', frac. Main Consol.

6N, 13W

15, 2383'SL, 3690'WL, Sec. Marathon Oil Co. #RR-16 Wakefield Hrs. M-1. Abd. loc. Main Consol.

22, 1061'NL, 2150'WL, NW. Marathon Oil Co. #DD-10 H. Martin M-1. Spd. 4-24-75. Comp. 1-14-76. TD 935'. Oil well, IP not available. Robinson, top 904', nat. Main Consol.

22, 161'NL, 2195'WL, NW. Marathon Oil Co. #J-14 H. Martin M-1. Spd. 4-3-75. Comp. 1-14-76. TD 940'. Oil well, IP not available. Robinson, top 889', nat. Main Consol.

22, 1646'NL, 1700'WL, NW. Marathon Oil Co. #A-11 S. Tohill, A/C 3. Spd. 8-15-75. Comp. 1-14-76. TD 930'. Water input. Robinson, top 392'. Main Consol.

22, 1646'NL, 2030'WL, NW. Marathon Oil Co. #A-13 S. Tohill, A/C 3. Spd. 7-29-75. Comp. 1-14-76. TD 945'. Water input. Robinson, top 900'. Main Consol.

22, 1646'NL, 2360'WL, NW. Marathon Oil Co. #A-15 S. Tohill, A/C 3. Spd. 7-28-75. Comp. 1-14-76. TD 940'. Water input. Robinson, top 887'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 22, 1481'NL, 1535'WL, NW. Marathon Oil Co. #B-10 S. Tohill, A/C 3.
Spd. 8-20-75. Comp. 1-14-76. TD 945'. Oil well, IP not available.
Robinson, top 910', nat. Main Consol.
- 22, 1481'NL, 1865'WL, NW. Marathon Oil Co. #B-12 S. Tohill, A/C 3.
Spd. 8-5-75. Comp. 1-14-76. TD 940'. Oil well, IP not available.
Robinson, top 902', nat. Main Consol.
- 22, 1481'NL, 2195'WL, NW. Marathon Oil Co. #B-14 S. Tohill, A/C 3.
Spd. 7-24-75. Comp. 1-14-76. TD 955'. Oil well, IP not available.
Robinson, top 880', nat. Main Consol.
- 22, 1481'NL, 2525'WL, NW. Marathon Oil Co. #B-16 S. Tohill, A/C 3.
Spd. 7-23-75. Comp. 1-14-76. TD 955'. Oil well, IP not available.
Robinson, top 897', nat. Main Consol.
- 22, 1811'NL, 1535'WL, NW. Marathon Oil Co. #XA-10 S. Tohill, A/C 3.
Spd. 8-22-75. Comp. 1-14-76. TD 940'. Oil well, IP not available.
Robinson, top 906', nat. Main Consol.
- 22, 1811'NL, 1865'WL, NW. Marathon Oil Co. #XA-12 S. Tohill, A/C 3.
Spd. 8-4-75. Comp. 1-14-76. TD 935'. Oil well, IP not available.
Robinson, top 896', nat. Main Consol.
- 22, 1811'NL, 2195'WL, NW. Marathon Oil Co. #XA-14 S. Tohill, A/C 3.
Spd. 7-31-75. Comp. 1-14-76. TD 945'. Oil well, IP not available.
Robinson, top 880'. Main Consol.
- 22, 1774'NL, 2383'WL, NW. Marathon Oil Co. #AA-11 S. Tohill, A/C 3,
M-1. Spd. 4-8-75. Comp. 1-13-76. TD 934'. Water input.
Robinson, top 885'. Main Consol.
- 22, 380'SL, 330'WL, NW SW. Marathon Oil Co. CT 1 S. Tohill, A/C 4.
Spd. 8-18-75. Comp. 8-23-75. TD 913'. Oil well, IP not available.
Robinson, top 862', nat. Main Consol.
- 22, 1298'NL, 2919'WL, Sec. Marathon Oil Co. #CC-13 Wakefield-Martin
Comm. M-1. Spd. 8-27-75. Comp. 3-9-76. TD 940'. Water input.
Robinson, top 886'. Main Consol.
- 22, 1061'NL, 2662'WL, Sec. Marathon Oil Co. #DD-12 Wakefield-Martin
Comm. M-1. Spd. 5-1-75. Comp. 1-14-76. TD 940'. Oil well, IP
not available. Robinson, top 886', nat. Main Consol.
- 22, 1061'NL, 3176'WL, Sec. Marathon Oil Co. #DD-14 Wakefield-Martin
Comm. M-1. Spd. 5-13-75. Comp. 1-14-76. TD 950'. Oil well,
IP not available. Robinson, top 872', nat. Main Consol.
- 22, 1061'NL, 3690'WL, Sec. Marathon Oil Co. #DD-16 Wakefield-Martin
Comm. M-1. Spd. 5-28-75. Comp. 1-14-76. TD 961'. Oil well,
IP not available. Robinson, top 889', nat. Main Consol.

CRAWFORD COUNTY (continued)

6N, 13W

- 22, 815'NL, 2919'WL, Sec. Marathon Oil Co. #EE-13 Wakefield-Martin
Comm. M-1. Spd. 5-9-75. Comp. 3-16-76. TD 950'. Water input.
Robinson, top 892'. Main Consol.
- 22, 815'NL, 3433'WL, Sec. Marathon Oil Co. #EE-15 Wakefield-Martin
Comm. M-1. Spd. 5-23-75. Comp. 3-23-76. TD 955'. Water input.
Robinson, top 891'. Main Consol.
- 22, 815'NL, 3947'WL, Sec. Marathon Oil Co. #EE-17 Wakefield-Martin
Comm. Spd. 5-20-75. Comp. 3-19-76. TD 925'. Water input.
Robinson, top 876'. Main Consol.
- 22, 569'NL, 2662'WL, Sec. Marathon Oil Co. #FF-12 Wakefield-Martin
Comm. M-1. Spd. 5-2-75. Comp. 1-14-76. TD 950'. Oil well, IP
not available. Robinson, top 903', nat. Main Consol.
- 22, 569'NL, 3176'WL, Sec. Marathon Oil Co. #FF-14 Wakefield-Martin
Comm. M-1. Spd. 5-14-75. Comp. 1-14-76. TD 945'. Oil well, IP
not available. Robinson, top 894', nat. Main Consol.
- 22, 569'NL, 3690'WL, Sec. Marathon Oil Co. #FF-16 Wakefield-Martin
Comm. M-1. Spd. 5-15-75. Comp. 1-14-76. TD 935'. Oil well, IP
not available. Robinson, top 890', nat. Main Consol.

7N, 12W

- 2, SE SW SW. Mason Oil Co. #2-A Claude H. Correll. Spd. 10-16-76.
Comp. 10-17-76. TD 1095'. D&A. Robinson, top 1016'. Main
Consol.
- 3, 330'SL, 939'WL, SE. William R. Mason #1 Floyd & Betty Stout. Spd.
6-5-76. Comp. 9-3-76. TD 1065'. IP 5 BOP/45 BW. Robinson, top
1021', frac. Main Consol.
- 11, 738'NL, 111'WL, NW. Mason Oil Co. #W-2 Claude Correll. Spd.
7-21-76. Comp. 9-1-76. TD 1070'. SWD. Robinson, top 1032'.
Main Consol.
- 19, 420'SL, 330'EL, NW SE. Logan Oil Co. #1-A Oliver Walters. OWWO.
Was Carl Robinson #1 O. Walters. Was D&A. OTD 2962'. Comp.
7-2-40. Recomp. 10-7-76. COTD 677'. Junked hole. Main
Consol.

7N, 13W

- 11, NW SW SW. Triple "B" Oil Producers, Inc. #29 J. W. Darrough. Spd.
9-8-76. Comp. 10-12-76. TD 1010'. Producer, IP not available.
Robinson, top 980'. Main Consol.
- 11, C N/2 NE SW. Triple "B" Oil Producers, Inc. #32 J. W. Darrough.
Spd. 9-1-76. Comp. 10-26-76. TD 962'. Producer, IP not
available. Robinson, top 954'. Main Consol.

CRAWFORD COUNTY (continued)7N, 13W

- 11, C E/2 SW SW. Triple "B" Oil Producers, Inc. #30 J. W. Darrough.
Spd. 9-2-76. Comp. 10-12-76. TD 1001'. Producer, IP not
available. Robinson, top 926'. Main Consol.
- 18, 630'NL, 608'EL, NE. Marathon Oil Co. #19 J. H. Wilkin (Wilkin
Unit). Spd. 8-2-76. Comp. 9-1-76. TD 3000'. IP 1 BOP/42 BW.
Devonian, top 2784', acid frac. Main Consol.
- 20, C SW NW. Marathon Oil Co. #21 W. W. Arnold A/C 1 Unit. Spd.
7-19-76. Comp. 8-14-76. TD 2925'. IP 35 BOP/37 BW. Devonian,
top 2812', acid. Recomp. 8-27-76. 442 BOP/231 BW. Devonian,
top 2812, frac. Main Consol.
- 20, 661'NL, 661'EL, SW NE. Marathon Oil Co. #28 W. W. Arnold, A/C 2.
Spd. 8-18-76. Comp. 9-29-76. TD 2980'. IP 15 BOP/138 BW.
Devonian, top 2774', frac. Main Consol.

DOUGLAS COUNTY15N, 7E

- 25, SW SW NW. Joyce I. Botts #1 Kamm. OWWO. Was Elton M. Botts #1
Kamm. Was D&A. OTD 1736'. Comp. 1-26-72. Recomp. 11-11-75.
COTD 1780'. IP 100 BOP/25 BW. Spar Mountain, top 1722'.
Bourbon South.

EDGAR COUNTY12N, 13W

- 5, NE SW SW. Earnest Zink #3 Pinnell. Spd. 3-22-76. Comp. 4-4-76.
TD 485'. IP 150 MCFG/D. Pennsylvanian, top 460', nat. Grandview.

12N, 14W

- 12, NW NW SW. Earnest Zink #1 Wheeler-Hunt Comm. Spd. 9-15-76. Comp.
10-1-76. TD 533'. D&A. Pennsylvanian, top 530'. Inclose.

EDWARDS COUNTY1N, 10E

- 22, SE SE SW. Spartan Petroleum Co. #1 Taylor et al. Unit. Spd.
8-8-76. Comp. 10-12-76. TD 4040'. IP 65 BOP. McClosky, top
3250', mca. Samsville West.

FRANKLIN COUNTY5S, 3E

- 2, NW SE NE. C. E. Brehm Drlg. & Prod. #1 Clayton Heirs Comm. Spd.
7-10-76. Comp. 10-12-76. TD 9511'. IP 104 BOP/70 BW. St.
Louis, top 3262'; Warsaw, top 3879'. EXTENSION TO EWING
EAST. ST. LOUIS & WARSAW NEW PAYS IN FIELD.

6S, 4E

- 34, SE SE NE. C. E. Brehm Drlg. & Prod. #4 Pulverman "E". Spd. 9-19-76.
Comp. 9-25-76. TD 3295'. D&A. Ste. Genevieve, top 3100' (approx.).
Akin.

FRANKLIN COUNTY (continued)

6S, 4E

- 35, NE SW NW. Fletcher F. Farrar #2 Burr Oak-Manis. Spd. 9-7-76.
Comp. 9-12-76. TD 3130'. D&A. Ste. Genevieve, top 3105' (approx.).
Akin.

GALLATIN COUNTY

7S, 9E

- 27, NE SW SW. C. E. Brehm #1 Downen "A". Spd. 9-2-76. Comp. 9-14-76.
TD 4064'. D&A. Ullin, top 3980' (approx.). WN - Herald Consol.

8S, 9E

- 15, 330'NL, 380'WL, NW. Absher Oil Co. #4 Hish Heirs. Spd. 7-29-76.
Comp. 10-12-76. TD 1950'. D&A. Palestine, top 1950'. Inman
West Consol.

JASPER COUNTY

7N, 10E

- 22, 330'SL, 415'WL, NW SW. C B & M Oil Co. #1 Fitch-Cook. Conversion.
Was St. Louis producer. Comp. 7-30-76. COTD 2755'. Water input.
McClosky, top 2709'. Clay City Consol.

JEFFERSON COUNTY

2S, 4E

- 2, C E/2 SW SW. Charles T. Evans #1 Reeker Brinkerhoff. Spd. 8-18-76.
Comp. 8-24-76. TD 3090'. D&A. McClosky, top 2998'. Oakdale.
- 2, SW SE SW. Charles T. Evans #1 Larson Comm. Spd. 7-21-76. Comp.
8-12-76. TD 3015'. IP 19 BOP/50 BW. McClosky, top 2958', acid.
Oakdale.
- 2, C N/2 SE SW. Charles T. Evans #2 Larson Comm. Spd. 8-24-76. Comp.
8-30-76. TD 3015'. D&A. Ste. Genevieve, top 2926'. Oakdale.
- 9, NE SE NE. Fletcher F. Farrar #1 Farrar. Spd. 8-30-76. Comp.
10-12-76. TD 3030'. IP 16 BOP. McClosky, top 2995'. EXTENSION
TO OAKDALE NORTH.
- 10, SW NW NW. Charles T. Evans #1 Alvis. Spd. 10-1-76. Comp. 10-5-76.
TD 3005'. D&A. McClosky, top 2956'. Oakdale North.

LAWRENCE COUNTY

3N, 12W

- 2, 2310'NL, 760'EL, NW. Black & Black Oil Co. #2 H. Kolter. Spd.
8-23-76. Comp. 9-24-76. TD 1428'. IP 10 BOP/0 BW. Bridgeport,
top 960', frac. Lawrence.

4N, 10W

- Irr. 30, 330'NL, 330'EL, NE. Schlensker Drilling Corp. #1 Crews Heirs.
Spd. 10-9-76. Comp. 10-18-76. TD 2377'. D&A. Ullin, top 2350'
(approx.). WN - Russellville.

LAWRENCE COUNTY (continued)4N, 12W

- 19, 594'SL, 724'WL, SE SW. Marathon Oil Co. #1 Willey-Berkshire Comm. Spd. 7-15-76. Comp. 8-27-76. TD 3125'. IP 1 BOP/20 BW. Devonian, top 2915', acid frac. Lawrence.
- 29, SW SW NW. Marathon Oil Co. #68 W. R. Crackle, A/C 1. Spd. 6-1-76. Comp. 9-24-76. TD 1370'. IP 50 BOP/214 BW. Bridgeport, top 840', frac.; Cypress, top 1315', frac. Lawrence.
- 30, 630'SL, 18'EL, NW NW. Marathon Oil Co. #NB-22 Isaac Boyd. Spd. 8-17-76. Comp. 8-19-76. TD 1041'. Water input. Bridgeport, top 804'. Lawrence.

MACON COUNTY16N, 1E

- 36, SW SE SW. W. A. Corley #3 Allie Hill. Spd. 9-21-76. Comp. 9-25-76. TD 2161'. D&A. Silurian, top 2124'. Harristown South.

MADISON COUNTY4N, 6W

- 15, 495'SL, 330'WL, NW SE. J. T. Schenk #1 Kauh1-Straube Comm. OWWO. Was Dail Goodson #1 Accola. Comp. 1950. Was plugged Devonian producer. Recom. 11-15-75. COTD 1760'. IP 1/4 BOP. Devonian, top 1759'. Marine.

MARION COUNTY1N, 2E

- Irr. 5, 268'NL, 250'EL, SW NW. Texaco Inc. #15 E. Tate, O/A Salem Unit, Tract 148. Conversion. Was Benoist and Aux Vases producer. Comp. 9-19-76. COTD 1818'. Water input. Aux Vases, top 1758'. Salem Consol.
- Irr. 7, 660'SL, 330'WL, NE. Texaco, Inc. #10 M. A. Tate "A", Salem Unit, Tract 185. Conversion. Was Devonian producer. Comp. 10-8-76. COTD 3468'. Water input. Devonian, top 3405'. Salem Consol.

1N, 3E

- 13, SE NW NE. Ego Oil Co. #1 Arnold-Haney Comm. Conversion. Was McClosky producer. Comp. 10-8-75. COTD 2721'. Water input. McClosky, top 2708'. Exchange North Consol.

2N, 2E

- 20, 1328'NL, 986'WL, SW. Texaco, Inc. #47 M. Young Heris, O/A Salem Unit, Tract 34. Conversion. Was Ohio Oil Co. #47 M. Young Heirs. Was Devonian producer converted to Aux Vases water input. OTD 3504'. Comp. 10-5-76. COTD 3513'. IP 20 BOP/1120 BW. Devonian, top 3449'. Salem Consol.
- 29, 327'NL, 348'EL, SW. Texaco, Inc. #15 W. Fossieck, O/A Salem Unit, Tract 73. Conversion. Was Devonian producer, deepened to Trenton producer and converted to Aux Vases water input. Comp. 10-15-76. COTD 3500'. IP 36 BOP/1095 BW. Devonian, top 3364'. Salem Consol.

PERRY COUNTY

4S, 1W

26, 330'NL, 940'WL, SE NW. Elmer Oelze, Jr. #1 Lisenby. Spd. 9-30-76.
Comp. 10-3-76. TD 1261'. D&A. Cypress, top 1184'. WN - Tamaroa.

4S, 3W

33, NW NW NW. Bufay Oil Co. #1 Ferrero. Spd. 11-4-75. Comp. 11-12-75.
TD 2840'. D&A. Devonian, top 2742'. WF.

5S, 1W

16, NE SW NE. Elmer Oelze, Jr. #1 Walters. Spd. 10-5-76. Comp. 10-7-76.
TD 1117'. D&A. Cypress, top 1109'. WN - Tamaroa South.

RICHLAND COUNTY

2N, 9E

Irr. 6, 330'SL, 990'EL, NE NW. Hudson-Mansfield & Helm Petroleum #1
H. Fryman. Spd. 7-15-76. Comp. 9-1-76. TD 3675'. IP 103 BOP/
6 BW. Aux Vases, top 2916', frac. Schnell.

3N, 9E

4, C NE SW. Union Oil Co. of California #46 John O. Coen, Colborn Cons.
Conversion. Was temp. abd. Salem dry hole. OTD 3660'. Comp.
10-5-76. COTD 2911'. Water input. Aux Vases, top 2860'.
Clay City Consol.

4, 330'NL, 665'EL, NW. Union Oil Co. of California #B-6 C. T. Montgomery,
Colborn Consol. Conversion. Was McClosky producer plugged back
to Cypress producer. Comp. 9-4-76. COTD 2921'. Water input.
Aux Vases, top 2858'. Clay City Consol.

5, 120'NL, 620'WL, SW NE. Union Oil Co. of California #8 John Hundley,
Colborn Consol. Conversion. Was temp. abd. McClosky dry hole.
OTD 3204'. Comp. 9-25-76. COTD 2930'. Water input.
Aux Vases, top 2864'. Clay City Consol.

SALINE COUNTY

8S, 6E

Irr. 30, 330'SL, 280'WL, SE SW NW. Petro-Search Assoc. Inc. #2-P Simpson.
Spd. 9-14-76. Comp. 9-26-76. TD 2995'. D&A. Ste. Genevieve, top
2877'. Raleigh South.

9S, 5E

14, 370'NL, 395'WL, NE NE. Petro-Search Assoc., Inc. #1P Carl Moore.
Spd. 8-17-76. Comp. 8-27-76. TD 2862'. D&A. Ste. Genevieve,
top 2766'. WN - Harco South.

SANGAMON COUNTY

15N, 2W

Irr. 5, 330'SL, 330'WL, SW SE SW. Comanche Oil Corp. #2 INB Trustee.
Spd. 8-29-76. Comp. 9-1-76. TD 1777'. D&A. Silurian, top 1750'.
Roby East.

WABASH COUNTY1N, 12W

14, 576'SL, 191'EL, NE. Bernard Beuligmann & Kieffer Bros. #W-1A Robinson. Spd. 8-16-76. Comp. 8-19-76. TD 1489'. Water input. Biehl, top 1484'. Allendale.

16, NW SW SE. Mid-Valley Oil Prod., Inc. #1 Haase. Spd. 12-16-74. Comp. 3-10-75. TD 2382'. IP 15 BOP/30 BW. Cypress, top 2042', frac. Allendale.

29, 330'NL, 360'WL, SW SW. Jack E. Small #1 Etha Risley. Abd. loc. Allendale.

30, SW SW NE. Jack E. Small #2 Norman Dunkel. Abd. loc. Allendale.

Irr. 30, 330'SL, 330'EL, SE. Jack E. Small #1 Robert Steckler. Spd. 10-12-76. Comp. 10-16-76. TD 1540'. D&A. Biehl, top 1470' (approx.). Allendale.

1N, 13W

36, NE NE SE. R. K. Zimmerman #1 Bertha Zimmerman. Spd. 9-10-76. Comp. 9-16-76. TD 1835'. D&A. Tar Springs, top 1825' (approx.). Allendale.

2N, 12W

31, NW NW SW. Conley & Assoc., Inc. #1 Ralph Kelsey. Spd. 9-28-76. Comp. 10-6-76. TD 2594'. D&A. Ste. Genevieve, top 2510' (approx.). Lancaster East.

1S, 12W

9, SE SW SE. Southern Triangle Oil Co. #7 Jacob Zimmerman. Spd. 9-18-76. Comp. 9-23-76. COTD 1950'. D&A. Golconda, top 1864'. Mt. Carmel.

1S, 13W

14, SW NE SE. Spartan Petroleum Co. #1 Robert Pfieffer. Spd. 8-11-76. Comp. 10-12-76. TD 2610'. IP 70 BOP. Ohara, top 2563', mca and acid. New Harmony Consol.

WASHINGTON COUNTY3S, 1W

8, NW SW SW. E. E. Flippin #1 Tomaszewski. Spd. 10-11-76. Comp. 10-15-76. TD 1270'. D&A. Cypress, top 1240' (approx.). Dubois Consol.

WAYNE COUNTY1N, 5E

26, SW SE NW. Ego Oil Co. #3 Jack P. McElyea. Conversion. Was Paul W. McElyea #3 Jack P. McElyea. Was temp. abd. dry hole. Comp. 10-31-75. COTD 3077'. Water input. Aux Vases, top 2984'. Johnsonville West.

WAYNE COUNTY (continued)1N, 7E

14, 330'NL, 330'EL, NW SW. Van Fossan Associates #1 Kenneth Obrecht.
Spd. 8-25-76. Comp. 9-1-76. TD 3325'. D&A. Salem, top 3688'
(approx.). Clay City Consol.

35, NE NE SW. Richard W. Beeson #2 Harold Barnard. Spd. 9-30-76.
Comp. 10-9-76. TD 3210'. D&A. McClosky, top 3194'. Clay City
Consol.

1N, 8E

33, SE NE NE. Robinson Production, Inc. #3 Rinkel. Spd. 8-17-76.
Comp. 10-23-76. TD 3840'. IP 50 BOP/0 BW. Aux Vases, top 2983',
frac. Clay City Consol.

1N, 9E

23, NW SW SW. Franklin Oil Co., Inc. #1 Glover. Spd. 8-27-76. Comp.
9-29-76. TD 4085'. D&A. Salem, top 3700'. Maple Grove Consol.

2N, 7E

24, C S/2 SE NE. John D. Gordon #4-A Bothwell. Spd. 7-15-76. Comp.
8-20-76. TD 3622'. IP 72 BOP/5 BW. Salem, top 3504', acid.
Clay City Consol.

24, 890'NL, 330'EL, SE NW. Hubert W. Rose #2 Gill Heirs. Spd. 8-1-76.
Comp. 8-21-76. TD 3616'. IP 45 BOP/20 BW. Salem, top 3348',
acid. Clay City Consol.

24, NW NE NE. Union Oil Co. of Calif. #4 Amy Gill. Spd. 8-30-76.
Comp. 10-16-76. TD 3700'. IP 45 BOP/132 BW. Salem, top 3615',
acid frac. Clay City Consol.

24, NW SE SW. Robinson Production, Inc. #1 Lafayette Gill. Conversion.
Was Aux Vases producer. Comp. 4-18-76. COTD 2896'. SWD.
Aux Vases, top 2884'. Clay City Consol.

24, 375'NL, 330'EL, SW. Union Oil Co. of Calif. #3 Lafayette Gill.
Spd. 9-11-76. Comp. 9-15-76. TD 1735'. Junked hole. Clay City
Consol.

24, NE SE SW. Robinson Production, Inc. #3 Lafe-Gill. Spd. 6-28-76.
Comp. 10-23-76. TD 3649'. IP 15 BOP/100 BW. Salem, top 3502',
acid. Clay City Consol.

24, 430'SL, 330'EL, SE SW NW. Hubert W. Rose #2-A O. Miller. Spd.
8-11-76. Comp. 8-31-76. TD 3610'. IP 77 BOP/60 BW. Salem, top
3405' (approx.), acid and frac. Clay City Consol.

24, SE SW NE. Hubert W. Rose #2 Staley et al. Spd. 7-19-76. Comp.
8-12-76. TD 3624'. IP 75 BOP/200 BW. Salem, top 3504', acid
frac. Clay City Consol.

WAYNE COUNTY (continued)2N, 7E

- 32, NW SE SE. Perry Fulk #2 Knapp. Spd. 9-11-76. Comp. 9-20-76.
TD 3850'. SWD. Pennsylvanian, top 1920'. Rinard North.

1S, 6E

- 12, NW SW SW. Van Fossan Associates #2 Williams. OWWO. OWDD. Was
Sohio Petroleum Co. #1 E. Williams. Was D&A. OTD 3291'. Comp.
2-4-47. Recom. 10-17-76. DTD 3925'. D&A. Salem, top
3575' (approx.). Johnsonville South.

- 14, SW SE SW. Booth Oil Co., Inc. #2 Malone. Spd. 9-12-76. Comp.
10-3-76. TD 3800'. IP 384 BOF. McClosky, top 3139', mca.
Johnsonville South.

- 23, NE NW NW. Fletcher F. Farrar #1 William White. Spd. 8-30-76.
Comp. 10-12-76. TD 3800'. IP 16 BOP/35 BW. Salem, top 3528',
acid. Johnsonville South.

1S, 7E

- 27, SW SE SW. Robert N. Gooch #1 Tullis. Spd. 6-5-76. Comp. 8-12-76.
TD 4041'. IP 18 BOP/trace of water. Warsaw, top 3996'. Clay
City Consol.

1S, 8E

- 11, SW SW SW. Hobson Oil Co. #1 Wylie S.W.D. Conversion. Was Hobson
Oil Co. #1 Wylie. Was St. Louis producer. OTD 3999'. Comp.
3-18-75. Recom. 8-26-75. COTD 2950'. SWD. Cypress, top
2890'. Clay City Consol.

2S, 9E

- 13, C SE SW. Runyon Oil Exploration, Inc. #1 Nile Woods. Spd. 7-20-76.
Comp. 9-20-76. TD 3380'. IP 50 BOP/10 BW. Aux Vases, top 3226',
frac.; Spar Mountain, top 3294', acid; McClosky, top 3350',
acid. Goldengate Consol.

- 14, SE NE SE. Runyon Oil Exploration, Inc. #1 Noah Duke. Spd. 7-31-76.
Comp. 9-25-76. TD 3388'. IP 60 BOP/5 BW. Aux Vases, top 3234',
frac.; McClosky, top 3360', acid. Goldengate Consol.

- 24, NW NW NW. Runyon Oil Exploration, Inc. #1 Beadle-Scott Comm. Spd.
8-26-76. Comp. 10-18-76. TD 3392'. IP 30 BOP/10 BW. Aux Vases,
top 3242', frac.; Spar Mountain, top 3306', acid; McClosky,
top 3365', acid. Goldengate Consol.

3S, 8E

- 1, SW SW NE. J. D. Turner #1 J. E. Moore. Spd. 9-26-76. Comp.
10-26-76. TD 3481'. IP 30 EOP/40 BW. Spar Mountain, top 3426',
mca. Barnhill.

- 7, SW SW NW. Cullum Oil Co. #3 Felix. Spd. 8-17-76. Comp. 9-25-76.
TD 3352'. IP 12 BOP/60 BW. Aux Vases, top 3241', frac. Mill
Shoals.

WHITE COUNTY

3S, 14W

Irr. 31, 330'NL, 430'EL, SE NE. Elmer M. Novak #4-A Metcalf. Conversion.
Was British-American Oil Prod. Co. #4A E. Metcalf. Was Tar Springs
producer. Comp. 7-28-75. COTD 2275'. Water input.
Tar Springs, top 2259'. Phillipstown Consol.

4S, 8E

14, 380'SL, 330'EL, NE NE. RK Petroleum Corp. #1 Fred Garrett. Spd.
9-30-76. Comp. 10-7-76. TD 3514'. D&A. McClosky, top 3490'.
WF.

4S, 9E

25, NW NE SE. Coy Oil, Inc. #1-A Mary L. Winter. Spd. 9-7-76. Comp.
10-26-76. TD 3076'. IP 40 BOP. Tar Springs, top 2530', frac.;
Cypress, top 2860', frac. Sumpter.

4S, 11E

Irr. 31, 330'SL, 2202'WL, SW. Barger Engineering, Inc. #4 C. T. Spencer.
Spd. 10-1-76. Comp. 10-12-76. TD 3907'. D&A. Ullin, top 3860'.
Phillipstown Consol.

4S, 14W

Irr. 18, 330'SL, 330'WL, NW. William R. & Phyllis Becker #6 E. Hon.
Spd. 8-28-76. Comp. 10-12-76. TD 3160'. IP 15 BOP. Degonia,
top 1989'; Tar Springs, top 2313'. Phillipstown Consol.

5S, 8E

9, SW NW NE. R K Petroleum Corp. #4 Willard Brockett, Jr. Spd.
9-11-76. Comp. 9-19-76. TD 3485'. Producer, IP not available.
Aux Vases, top 3318'. Enfield North.

9, SE NW NE. RK Petroleum Corp. #5 Willard Brockett, Jr. Spd. 10-6-76.
Comp. 10-26-76. TD 3488'. D&A (SO). McClosky, top 3470'. Enfield
North.

9, NE NE NW. R K Petroleum Corp. #1 Triple AAA Ranch. Spd. 9-21-76.
Comp. 10-11-76. TD 3490'. IP 85 BOP. Ohara, top 3404', nat.
Enfield North. NEW PAY IN FIELD.

6S, 10E

21, C NE SW. Phillips Petroleum Co. #13 Kerwin. Spd. 7-24-76. Comp.
9-28-76. TD 4540'. IP 25 BOP/51 BW. St. Louis, top 3318', acid;
Ullin, top 3892', acid. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH OCTOBER 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

14-0N-14W, SW SE SW. H. W. Gehl #1 Thompson. 555'. 9-13-76. Johnson South.
 26-10N-14W, 550'SL, 550'EL, SW NE. States Oil Co. #7-A Brown. 473'.
 7-30-76. Johnson North.
 26-10N-14W, SE/c NW SE NW. I. R. Bennett and H. J. Blazer #1 Tuttle. 485'.
 8-6-76. (Not identified with Geological Survey Records.) Johnson North.
 26-10N-14W, 190'NL, 720'WL, NW SE NW. States Oil Co. #6 Tuttle. 485'.
 8-16-76. (Not identified with Geological Survey Records.) Johnson North.
 26-10N-14W, 330'NL, 200'EL, SE NW. States Oil Co. #1 Hilliard & Tuttle.
 438'. 8-18-76. Johnson North.
 26-10N-14W, 190'NL, 165'EL, SE NW. States Oil Co. #2 Tuttle-Hilliard. 496'.
 8-17-76. Johnson North.

CLAY COUNTY

10-2N-8E, SW NW SW. Kenneth E. Beeman #3 Routt. 3359'. 10-8-76. Clay
 City Consol.
 10-2N-8E, 330'NL, 380'WL, SW SW. Kenneth Beeman #8 Routt. 3370'. 10-8-76.
 Clay City Consol.
 10-2N-8E, NE NW SW. Kenneth E. Beeman #1 A. Routt. 3030'. 10-7-76. Clay
 City Consol.
 26-3N-6E, NE SW NW. Hanson Oil Co. #1 Colvin Comm. 3040'. 9-22-76. Sailor
 Springs Consol.
 17-3N-7E, NW SW SW. Charles E. Booth #1 Colclasure. 2958'. 9-15-76.
 Sailor Springs Consol.
 5-4N-5E, 330'SL, 330'WL, NE. Hanson Oil Co., Inc. #1 Brown. 2281'. 9-20-76.
 Iola Central.
 5-4N-5E, SE SE NW. Hanson Oil Co., Inc. #5 Sparlin. 2282'. 9-16-76. Iola
 Central.
 20-4N-6E, SW SE SW. Tom Kiernan #1-A S. Schoonover. 2874'. 8-31-76.
 Louisville.
 3-5N-5E, SE NW NE. Tom Kiernan #4 Norbut. 2461'. 9-13-76. Iola Consol.

CRAWFORD COUNTY

15-6N-13W, 800'NL, 660'WL, SE. Ohio Oil Co. #P-92 Wakefield Heirs, formerly
 #16. 4-22-76. (Water input, formerly air input, originally a producer.)
 Main Consol.

FRANKLIN COUNTY

23-6S-2E, 270'NL, 50'WL, NE NE. Pollack & Margrave #1 Jordan School. 2144'.
 8-24-76. Benton.

GALLATIN COUNTY

9-8S-10E, NE SE SE. O. A. Oldfield & J. A. Matthews #2 Claude Short. 2446'.
 9-15-76. Inman East Consol.
 10-8S-10E, NE SW SW. Carter Oil Co. #3 George Hardy. 2428'. 9-14-76.
 Inman East Consol.

GALLATIN COUNTY (continued)

- 15-8S-10E, SW SW NE. Carter Oil Co. #22 DD West Unit, formerly Halbert & Leach #3 Arensman. 2394'. 9-9-76. Inman East Consol.
- 15-8S-10E, 320'NL, 125'WL, SE. B. K. Leach #1 Rief (West Unit #69). 2420'. 9-7-76. Inman East Consol.
- 22-8S-10E, 990'SL, 330'EL, NW. Fairway Petroleum Corp. #B-3 Leach. 2135'. 9-21-76. Inman East Consol.

HAMILTON COUNTY

- 25-3S-7E, 660'SL, 660'EL, SE. Magnolia Petro. Co. #1 Anna Fyie. 3248'. 9-10-76. Mill Shoals.
- 25-3S-7E, 660'NL, 660'EL, SE. Magnolia Petro. Co. #2 Anna Fyie. 3354'. 9-14-76. Mill Shoals.
- 3-6S-6E, 330'SL, 1020'WL, NW. Shell Oil Co., Inc. #1 G. F. Carey. 3198'. 9-13-76. Dale Consol.

JASPER COUNTY

- 12-5N-9E, SW NW SE. Don Slape Drlg. Co. #1 L. Thomas. 2980'. 9-16-76. (Water input, formerly a producer.) Clay City Consol.
- 12-5N-9E, NW NW SE. Don Slape Drlg. Co. #2 L. Thomas. 2991'. 9-20-76. Clay City Consol.
- 34-7N-10E, 405'SL, 330'WL, SE NW. Bangert Casing Pulling Corp. #1 Dhom Heirs. 3026'. 9-24-76. Clay City Consol.

JEFFERSON COUNTY

- 9-1S-2E, 666'NL, 686'EL, NE NW. Humble Oil & Refg. Co. #2 O. K. Miller. 2000'. 9-2-76. Salem Consol.

LAWRENCE COUNTY

- Irr. 18-3N-11W, 870'SL, 500'WL, SW. John M. Zanetis #5 Hudson. 1864'. 8-6-76. Lawrence.
- Irr. 18-3N-11W, 330'SL, 990'WL, SW. John M. Zanetis #4 J. L. Hudson. 1886'. 8-10-76. Lawrence.
- 18-3N-11W, 990'SL, 990'WL, Frac. SW. John M. Zanetis #1 John L. Hudson et al. 1872'. 8-16-76. Lawrence.
- 18-3N-11W, 990'SL, 1650'WL, Frac. SW. John M. Zanetis #2 John Hudson et al. 1640'. 8-12-76. Lawrence.
- 18-3N-11W, 330'SL, 1650'WL, Frac. SW. John M. Zanetis #3 John L. Hudson et al. 1654'. 8-23-76. (Water input, formerly a producer.) Lawrence.
- 22-3N-11W, 330'NL, 330'EL, SW SE. E. L. Whitmer #1 Robert L. Kelly et al. 1923'. 9-30-76. Lawrence.
- 11-3N-12W, NE NE NW. John M. Zanetis #1 Allen Kirkwood. 1837'. 8-27-76. Lawrence.
- 29-5N-11W, 1964'NL, 2219'EL, SW. Paul D. Robinson #1 Willard Wagonseller. 906'. 8-31-76. Main Consol.

MACOUPIN COUNTY

- 21-9N-7W, NW NE SW. W. E. Schmidt et al. #2 Taylor. 420'. 7-28-76. Spanish Needle Creek Gas.

MARION COUNTY

- 21-1N-2E, SE NE NW. E. M. Self #3 Summerville, formerly C. R. Winn. 2128'. 9-16-76. (Water input, formerly a producer.) Salem Consol.

MARION COUNTY (continued)

- 8-2N-1E, 660'NL, 330'WL, NE. Southwestern Oil & Gas Co. #21 A. E. Benoist. 2938'. 9-11-76. Sandoval.
 Irr. 6-3N-1E, 330'NL, 330'WL, SW NE. Kewanee Oil Co. #2 Mabel Brokelmeyer, formerly National Assoc. Petro. Co. 4025'. 7-30-76. (Water input, formerly a producer.) Patoka.
 31-4N-1E, SW SE NE. Louis Kapp #2 Oscar Davis. 4020'. 7-31-76. Patoka.

RANDOLPH COUNTY

- 16-4S-5W, NW SW NE. Jet Oil Co. #5 Carl Easdale. 2209'. 9-7-76. Tilden.

RICHLAND COUNTY

- 17-3N-9E, 25'SL, 557'WL, SE NE. Hudson & Mansfield #1 Prosser Comm. 3577'. 9-16-76. Clay City Consol.

SHELBY COUNTY

- 27-10N-5E, 660'C-N $\frac{1}{2}$ N $\frac{1}{2}$. J. A. Aylward #1 Wabash Railroad Right of Way. 1969'. 8-12-76. Stewardson.

WABASH COUNTY

- 5-1S-12W, SE NE NW. Sam Malis #2 Dunkel. 2392'. 7-21-76. Mt. Carmel.
 5-1S-12W, NE NE NW. S. Malis #4 Dunkel. 2102'. 7-9-76. Mt. Carmel.
 5-1S-12W, 330'NL, 375'EL, NE. Higgins Oil Co. #3-B Moeller-Dunkel Comm. 2365'. 8-20-76. Mt. Carmel.
 5-1S-12W, 1084'SL, 330'WL, SE. Texas Co. #2 R. Stein (Tr. #1). 1998'. 8-10-76. (Water input, formerly a producer.) Mt. Carmel.
 5-1S-12W, 330'SL, 640'WL, SE SW. Texaco #3 R. Stein (Tr. #1), formerly Texas Co. 2073'. 8-11-76. (Water input, formerly a producer.) Mt. Carmel.
 5-1S-12W, 705'SL, 330'WL, SE SW. Texas Co. #7 R. Stein. 2375'. 8-13-76. Mt. Carmel.
 Irr. 8-1S-12W, 1016'NL, 2226'WL, SW SW NW. Texaco, Inc. #4 Olds et al. Consol., formerly C. R. Craft. 2037'. 8-24-76. (Water input, formerly a producer.) Mt. Carmel.
 16-1S-12W, NE SW NW. M & P Oil Co. #5 Couch Unit. 2007'. 8-17-76. Mt. Carmel.
 17-1S-12W, 997'NL, 330'WL, SW. Shell Oil Co. #1 E. Abell (Mt. Carmel Flood Unit #34-W). 2049'. 7-7-76. (Water input, formerly a producer.) Mt. Carmel.
 17-1S-12W, 500'NL, 647'WL, SW. Shell Oil Co., Inc. #1 C. Gilliem. 2072'. 7-7-76. Mt. Carmel.
 17-1S-12W, 660'SL, 849'WL, SW. Shell Oil Co. #37-W Mt. Carmel Flood Unit. 2060'. 7-7-76. (Producer, formerly a water input.) Mt. Carmel.
 17-1S-12W, 1284'SL, 830'WL, SW. Shell Oil Co. #38 Mt. Carmel Flood Unit. 2066'. 7-7-76. (Water input, formerly a producer.) Mt. Carmel.
 17-1S-12W, 400'SL, 710'WL, NW. Shell Oil Co., Inc. #40-W Mt. Carmel Flood Unit, formerly #2 S. S. Trapp. 2082'. 7-8-76. (Water input, formerly a producer.) Mt. Carmel.
 18-1S-12W, 68'NL, 1006'EL, SE. Shell Oil Co., Inc. #2 P. F. Hein (Mt. Carmel WF Unit 18). 2082'. 7-8-76. (Water input, formerly a producer.) Mt. Carmel.
 18-1S-12W, 1050'NL, 847'WL, NE. Shell Oil Co., Inc. #15 Mt. Carmel Waterflood Unit. 2078'. 7-8-76. (Dual purpose well: water input and producer, formerly a producer.) Mt. Carmel.

WABASH COUNTY (continued)

- 18-1S-12W, 854'SJ, 1136'EL, NE. Shell Oil Co., Inc. #17 Mt. Carmel Flood Unit, formerly #2 Mt. Carmel Comm. 7-8-76. (Producer, formerly a water input, formerly a producer.) Mt. Carmel.
- 20-1S-12W, NW NW NW. W. C. McBride, Inc. #1 Millicent Baird. 2044'. 9-2-76. Mt. Carmel.
- 13-1S-14W, SE SE NE. Gilbert A. Higgins #1 Roy D. Fisher, formerly N. V. Duncan Drlg. Co. et al. 3465'. 7-30-76. New Harmony Consol.

WASHINGTON COUNTY

- Irr. 19-2S-3W, 330'SL, 330'WL, SE SE. Amoco Production Co. #1 Clara E. Green. 3032'. 8-20-76. Nashville.
- 22-3S-3W, 48'NL, 1189'WL, NE. Shell Oil Co., Inc. #5 B. B. Holston. 1290'. 8-10-76. Cordes.
- 22-3S-3W, 48'NL, 289'WL, NE. Shell Oil Co., Inc. #7 B. B. Holston. 1286'. 8-10-76. Cordes.
- 22-3S-3W, 48'NL, 609'WL, NE. Shell Oil Co., Inc. #9 B. B. Holston. 1294'. 8-10-76. Cordes.

WAYNE COUNTY

- 1-1N-7E, 330'SL, 435'WL, SE SE. Hudson & Mansfield #1 Ruble. 3105'. 8-26-76. Clay City Consol.
- 6-1N-8E, 425'NL, 570'WL, Frac. SW. Pure Oil Co. #1 P. C. Hill. 3025'. 8-27-76. (Water input, formerly a producer.) Clay City Consol.
- 13-1N-9E, 570'NL, 330'EL, SE NE. Mabee Oil & Gas Co. #1 Fritchley. 3238'. 8-24-76. Maple Grove Consol.
- 31-1N-9E, SE NW NE. John M. Zanetis #1-B Daubs. 3258'. 9-10-76. Locust Grove.
- 31-1N-9E, SW NW NE. John M. Zanetis #3-B Daubs. 3319'. 9-8-76. Locust Grove.
- 24-2S-9E, NE SW NW. Kathryn L. Cooper #1 E. L. Michels. 3330'. 8-30-76. Goldengate Consol.
- 13-3S-7E, SE SE SE. Shulman Brothers #6 A. J. Poorman. 3379'. 8-31-76. Mill Shoals.

WHITE COUNTY

- 36-3S-10E, SW NW NE. John B. Buchman #1 Driggers Hrs. 3105'. 8-3-76. Phillipstown Consol.
- 34-4S-9E, SE NW NE. W. C. McBride, Inc. #3 Joseph Jacobs. 3209'. 8-19-76. Sumpter South.
- 34-6S-9E, SW NE SW. Carter Oil Co. #2 Evan McCallister (Herald Unit #31). 3010'. 8-17-76. Herald Consol.
- 34-6S-9E, 330'NL, 375'WL, NE SW. Humble Oil & Refining Co. #24-W Herald Unit, formerly Carter Oil Co. #5 Ivan McCallister. 2684'. 8-24-76. (Water input, formerly a producer.) Herald Consol.
- 34-6S-9E, SE NE SW. Humble Oil & Refining Co. #32-W Herald Unit, formerly Carter Oil Co. #8 Ivan McCallister. 3125'. 8-12-76. (Water input, formerly a producer.) Herald Consol.
- 34-6S-9E, SE SW NW. Humble Oil & Refining Co. #17-W Herald Unit, formerly H. O. Yoder #2 Ivan McCallister. 2755'. 8-26-76. (Water input, formerly a producer.) Herald Consol.

WHITE COUNTY (continued)

34-6S-9E, SE NW NE. Carter Oil Co. #3 Ada Merritt (Herald Unit #10-W). 2641'.
8-10-76. (Water input, formerly a producer.) Herald Consol.
34-6S-9E, SW NE NW. Texas Co. #3 A. E. Pool. 2667'. 8-6-76. (Salt water
disposal, formerly a producer.) Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

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ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

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DISCOVERIES

New Fields

FERRIN. Clinton County, 19-2N-1W, Devonian at 2838' and Trenton at 3926'.
Discovery well, Ego Oil Co., Inc. #1 Paul Defend, IP 5 BOP, 6 BW.

SPRINGERTON SOUTH. White County, 32-4S-8E, Spar Mtn. at 3437'.
Discovery well, RK Petroleum Corp. #1 Orr et al,
IP 90 BOP

New Pay Zones in Fields

BROWNS EAST. Wabash County, 10-2S-14W, Salem at 3402'.
Discovery well, Andy G. Hocking #1 Fred Hocking, IP 8 BOP, 30 BW.

Extensions to Fields

BROWNS EAST. Wabash County, 10-2S-14W, Salem at 3402'.
Discovery well, Andy G. Hocking #1 Fred Hocking, IP 8 BOP, 30 BW.

HADLEY. Richland County, 26-4N-14W, Spar Mtn. at 2980'.
Discovery well, C.E.R. Production Co. #1 McCaw, IP 41 BOP.

TABLE I

New Pools Discovered from December 1975 through November 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|----------------------|------|------|--------------------|------|------|
| <u>December 1975</u> | | | <u>June</u> | | |
| None | | | Hadley: | | |
| | | | Richland | 4N | 14W |
| <u>January 1976</u> | | | Kell North: | | |
| Oconee: | | | Marion | 1N | 3E |
| Shelby | 10N | 1E | | | |
| <u>February</u> | | | <u>July</u> | | |
| Harristown S: | | | None | | |
| Macon | 16N | 1E | <u>August</u> | | |
| <u>March</u> | | | Enfield North: | | |
| None | | | White County | 5S | 8E |
| <u>April</u> | | | <u>September</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>October</u> | | |
| None | | | None | | |
| | | | <u>November</u> | | |
| | | | Ferrin: | | |
| | | | Clinton County | 2N | 1W |
| | | | Springerton South: | | |
| | | | White County | 4S | 8E |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Services wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | | New Dry Holes | | | Production in Thousands of Barrels | |
|--|-------------|------|---------------------|--------------------|-------------|---------------|-----|-----------------|--|--------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | | |
| | Field | Ext. | | | | Near | Far | | | |
| 1975 | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 70 | 0 | 0 | 68 | 2 | 25 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 58 | 22 | 22 | 206 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 48 | 1 | 3 | 49 | 3 | 29 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,195 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,265 |
| Nov. | 53(1) | 2 | 2 | 56(1) | 1 | 22 | 7 | 5 | 91 | 2,190 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through August 1976 are from reports received directly from crude gathering companies. The figures for September, October and November 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, November 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions | | |
| | | | Prod. | D&A | | | Were Prod. | Others | |
| | | | | | | | | | |
| Adams | 1 | 2 | 1 | 1 | - | - | - | - | - |
| Bond | - | - | - | - | - | - | - | - | - |
| Christian | 2 | - | - | - | - | - | - | - | - |
| Clark | 4 | 2 | 1 | - | - | - | 1 | - | - |
| Clay | 8 | 4 | - | 4 | - | - | - | - | - |
| Clinton | 4 | 6 | 3 | 3 | - | - | - | - | - |
| Coles | 7 | 1 | - | - | - | - | - | - | 1 |
| Crawford | 18 | 22 | 12 | 2 | - | 8 | - | - | - |
| Cumberland | - | 1 | - | 1 | - | - | - | - | - |
| Douglas | - | 1 | - | - | - | - | - | - | 1 |
| Edgar | 1 | 3 | 1* | 1 | - | - | - | - | 1 |
| Edwards | 2 | 5 | 1 | 4 | - | - | - | - | - |
| Effingham | 1 | 1 | - | 1 | - | - | - | - | - |
| Fayette | 2 | 1 | - | 1 | - | - | - | - | - |
| Franklin | 4 | - | - | - | - | - | - | - | - |
| Gallatin | 7 | 1 | 1 | - | - | - | - | - | - |
| Hamilton | 1 | 17 | 7 | 2 | - | 8 | - | - | - |
| Hancock | 1 | - | - | - | - | - | - | - | - |
| Jasper | 3 | - | - | - | - | - | - | - | - |
| Jefferson | 1 | - | - | - | - | - | - | - | - |
| Johnson | 1 | - | - | - | - | - | - | - | - |
| Lawrence | 8 | - | - | - | - | - | - | - | - |
| Macoupin | 1 | - | - | - | - | - | - | - | - |
| Madison | 1 | 1 | - | 1 | - | - | - | - | - |
| Marion | 4 | 3 | - | 1 | - | - | 2 | - | - |
| Monroe | - | 1 | - | - | - | - | - | 1 | - |
| Montgomery | 1 | - | - | - | - | - | - | - | - |
| Randolph | 1 | - | - | - | - | - | - | - | - |
| Richland | 1 | 7 | 3 | - | - | - | 1 | 3 | - |
| Saline | - | 3 | 1 | 2 | - | - | - | - | - |
| Sangamon | 5 | 4 | 3 | 1 | - | - | - | - | - |
| Wabash | 8 | 13 | 9 | 2 | - | 1 | - | 1 | - |
| Washington | 2 | - | - | - | - | - | - | - | - |
| Wayne | 16 | 13 | 10 | 3 | - | - | - | - | - |
| White | 18 | 12 | 4 | 4 | 1 | 2 | 1 | - | - |
| | 134 | 124 | 57 | 34 | 1 | 19 | 5 | 5 | 3 |

* Gas well

^o Issued by Department of Mines and Minerals, Springfield, Illinois, October 28, 1976, through November 23, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, November 1976

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Livingston | - | 1 | - | - | 1 | - |
| McLean | 5 | 4 | 1 | - | 3 | - |
| | 5 | 5 | 1 | - | 4 | - |

In addition to the above, 15 permits were issued for structure tests and five structure tests were completed in Illinois in connection with natural gas storage.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, October 28, 1976, through November 23, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contain records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

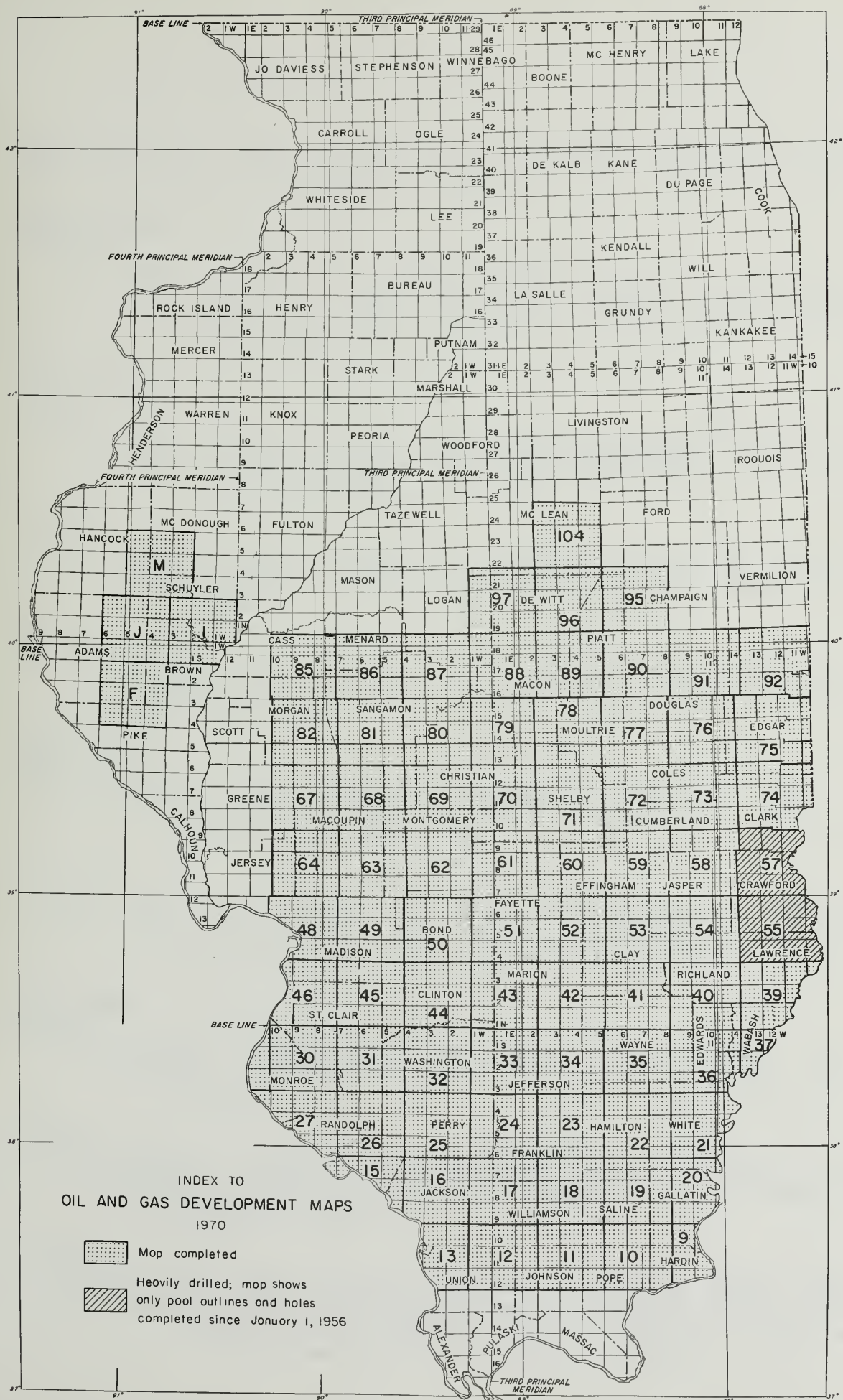
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM OCTOBER 30, 1976 TO NOVEMBER 26, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 12, 330'SL, 330'EL, NE SW. Claude McElvain #1 McNeff. Spd. 9-1-76.
Comp. 9-23-76. TD 658'. IP 20 BOP. Silurian, top 643', acid.
Kellerville. (Was erroneously run in Sept. 1976 Drlg. Report
as D&A.)

BOND COUNTY

5N, 4W

- 15, 35'SL, 259'WL, NW SW SE. Sam Parker #5 Neathammer. Spd. 9-8-76.
Comp. 10-26-76. TD 640'. IP 1 BOP/2 BW. Pennsylvanian, top 629.5',
frac. Old Ripley.

7N, 3W

- 30, NW NE NW. Global Oil & Gas, Inc. #1 Alma Sexton. Spd. 10-8-76.
Comp. 10-16-76. TD 904'. D&A. Benoist, top 875' (approx.).
Panama.

7N, 4W

- 25, NE SE NE. Global Oil & Gas, Inc. #1 Garnet Elliott. Abd. loc.
Panama.

CLARK COUNTY

10N, 13W

- 19, NW SE SW. Koons Petroleum Enterprises #1-T Jim Goble. Spd.
5-8-76. Comp. 7-30-76. TD 2840'. IP 40 BOP/5 BW. Trenton, top
2740', acid. Martinsville.

11N, 10W

- 30, 430'SL, 181'EL, SW NE. J. W. Rudy Co. #2-SWD Mary Lee. Conversion.
Was W. W. Dayton #2 M. Lee. Was Devonian producer. Comp. 11-18-76.
COTD 2046'. SWD. Devonian, top 2036'. Weaver.

CLAY COUNTY

2N, 8E

- 16, NW NW NE. Republic Oil Co., Inc. #1 Bates. Spd. 6-14-76. Comp.
11-8-76. TD 3667'. Temp. abd. Salem, top 3366'. Clay City
Consol.

3N, 6E

- 3, SW SE SW. Comanche Oil Corp. #2 Eade. Spd. 8-11-76. Comp. 11-8-76
(est.). TD 3031'. Junked hole. McClosky, top 2970' (approx.).
Louisville South.

3N, 8E

- 28, SE SE NE. Triple "B" Oil Producers, Inc. #2 Damon Smith. OWWO.
Was Wiser Oil Co. Aux Vases producer. OTD 3007'. Comp. 8-16-37.
Plugged 6-19-48. Recomp. 10-26-76. COTD 3007'. Temp. abd.
Aux Vases, top 2930'. Clay City Consol.

CLAY COUNTY (continued)4N, 5E

23, NW NW NW. "K" Oil, Inc. #1 D. Montgomery. Spd. 9-1-76. Comp. 10-1-76. TD 2677'. D&A (SO). Spar Mountain, top 2656', acid. Iola South.

5N, 7E

23, NW NE SW. Robert E. Trimpe #1 R. Wattles. Spd. 10-20-76. Comp. 10-25-76. TD 2898'. D&A. McClosky, top 2892'. Sailor Springs Consol.

CLINTON COUNTY1N, 5W

9, SW NW NW. Elmer Oelze, Jr. #2 Rensing. Spd. 5-26-76. Comp. 9-7-76. TD 1950'. IP 10 BOP/0 BW. Silurian, top 1936', acid. New Baden East.

2N, 1W

12, NW SE SW. Northwestern Oil Co., Inc. #1 Swagler Bros. Spd. 11-1-76. Comp. 11-5-76. TD 1437'. D&A. Cypress, top 1396'. WN - Sandoval West.

Irr. 19, 330'NL, 990'EL, SW. Ego Oil Co., Inc. #1 Paul Defend. Spd. 6-24-76. Comp. 11-13-76. TD 3956'. IP 5 BOP/6 BW. Devonian, top 2838', frac.; Trenton, top 3926', acid. DISCOVERY OF FERRIN FIELD.

Irr. 19, 330'SL, 1650'EL, NW. Ego Oil Co. #1 Zimmerman et al. Spd. 9-29-76. Comp. 10-8-76. TD 2891'. D&A. Devonian, top 2846'. WF.

2N, 3W

Irr. 6, 330'SL, 990'EL, SW NE. Goose Creek Oil Co., Inc. #3 Dorries. Spd. 4-12-76. Comp. 11-9-76. TD 2245'. IP 15 BOP. Devonian, top 2232'. Frogtown North.

3N, 2W

5, NE SE NW. Nick Babare, Jr. #8 G. Hord. Spd. 10-5-76. Comp. 10-8-76. TD 1175'. D&A. Benoist, top 1162'. Beaver Creek South.

CRAWFORD COUNTY8N, 13W

25, SE NW SE. Daniel R. Leavell #4 John Patelski. OWWO. Was D. Runyon #1 A. C. Newlin. Was producer. OTD 1048'. Comp. 8-20-57. Plugged 9-27-73. Recom. 10-12-76. COTD 1032'. IP 3 BOP. Robinson, top 1008'. Main Consol.

5N, 12W

Irr. 17, 330'SL, 990'WL, SE. James R. VanBuskirk #1 Mefford & Seed Comm. Spd. 8-2-76. Comp. 11-9-76. TD 1601'. IP 10 BOP. Bethel, top 1566', frac. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

- 1, NW SW SW. Energy Resources of Indiana, Inc. #2 Due Heirs II. Spd. 10-12-76. Comp. 11-9-76. TD 1350'. IP 126 BOP. Pennsylvanian, top 1302'. Main Consol.
- 1, SE NW SW. Energy Resources of Indiana, Inc. #4 Valdez. Spd. 10-18-76. Comp. 11-9-76. TD 1350'. IP 75 BOP. Pennsylvanian, top 1270', mca. Main Consol.
- 2, Approx. SE NW NW. E. L. Whitmer, Inc. #1 Parker, Hardinsville Flood. Spd. 7-13-73. Comp. 7-27-74. TD 1065'. IP 5 BOP/5 BW. Robinson, top 932', acid. Main Consol.
- 2, 60'NL, 10'WL, SW NW. E. L. Whitmer, Inc. #TW-26 Lamb. Spd. 6-10-74. Comp. 8-2-74. TD 1095'. Water input. Robinson, top 896'. Main Consol.
- 2, NE SW NW. E. L. Whitmer, Inc. #1 Lamb, Hardinsville Flood. Spd. 7-15-73. Comp. 1-10-74. TD 1080'. IP 5 BOP/5 BW. Robinson, top 598', frac. Main Consol.
- 2, 660'SL, 10'EL, NW NW. E. L. Whitmer, Inc. #VW-25 Parker. Spd. 7-9-73. Comp. 8-8-74. TD 1065'. Water input. Robinson, top 936'. Main Consol.
- 2, 40'SL, 10'EL, NW NW. E. L. Whitmer, Inc. #VW-26 Parker. Spd. 7-5-73. Comp. 8-23-73. TD 1055'. Water input. Robinson, top 944'. Main Consol.

6N, 12W

- 20, SE SE SE. Reiter Oil Development #1 Dunham. Spd. 6-23-76. Comp. 11-2-76. TD 989'. IP 10 BOP. Robinson, top 912', frac. Main Consol.
- 29, NW NE SE. Triple "B" Oil Producers, Inc. #1 S. S. Reinoehl. OWWO. Was Televest Exploration, Inc. D&A. OTD 2197'. Comp. 10-18-75. Recom. 10-26-76. COTD 1096'. D&A. Pennsylvanian, top 963'. Main Consol.
- 29, SW SE NE. Reiter Oil Development #2 John Weirich. Spd. 6-27-76. Comp. 11-2-76. TD 971'. D&A (SO). Robinson, top 952'. Main Consol.

6N, 13W

- 15, 116'SL, 767'WL, SW. Marathon Oil Co. #1 C. I. Weirich M-1 S.W.D.W. Spd. 8-28-75. Comp. 9-8-75. TD 1960'. SWD. Salem, top 1752'. Main Consol.
- 22, 323'NL, 3433'WL, Sec. Marathon Oil Co. #GG-15 Wakefield. - Martin Comm. M-1. Spd. 5-16-75. Comp. 3-2-76. TD 955'. Water input. Robinson, top 892'. Main Consol.

CRAWFORD COUNTY (continued)6N, 13W

- 22, 323'NL, 3947'WL, Sec. Marathon Oil Co. #GG-17 Wakefield - Martin Comm. M-1. Spd. 5-17-75. Comp. 3-29-76. TD 950'. Water input. Robinson, top 892'. Main Consol.
- 22, 77'NL, 2737'WL, Sec. Marathon Oil Co. #HH-12 Wakefield - Martin Comm. M-1. Spd. 5-9-75. Comp. 1-14-76. TD 955'. Oil well, IP not available. Robinson, top 899', nat. Main Consol.
- 22, 77'NL, 3176'WL, Sec. Marathon Oil Co. #HH-14 Wakefield - Martin Comm. M-1. Spd. 5-12-75. Comp. 1-14-76. TD 945'. Oil well, IP not available. Robinson, top 890', nat. Main Consol.
- 22, 77'NL, 3690'WL, Sec. Marathon Oil Co. #HH-16 Wakefield - Martin Comm. M-1. Spd. 5-14-75. Comp. 1-14-76. TD 950'. Oil well, IP not available. Robinson, top 884', nat. Main Consol.

7N, 12W

- 10, 480'SL, 40'EL, NE. Noble Correll #3 Noble Correll. Spd. 11-3-76. Comp. 11-4-76. TD 1015'. Water input. Robinson, top 990'. Main Consol.
- 11, NW NW SW. Noble O. Correll #2 Noble O. Correll (Fee). Spd. 10-27-76. Comp. 10-29-76. TD 1005'. D&A. Robinson, sand shaled out. Main Consol.

7N, 13W

- 15, 323'SL, 534'WL, SE SW. Marathon Oil Co. #1 S.W.D. Spd. 11-12-74. Comp. 1-21-74. TD 2030'. SWD. Salem, top 1934', acid. Main Consol.
- 17, 660'SL, 621'EL, NW. Getty Oil Co. #3-A M. Drake, A/C #1. Spd. 10-25-76. Comp. 11-19-76. TD 2925'. IP 3 BOP/8 BW. Devonian, top 2800', acid. Main Consol.
- 20, 450'NL, 450'EL, SW SW. Tartan Oil Co. #1-D Carl Dart. Spd. 9-8-76. Comp. 10-16-76. TD 2930'. IP 125 BOP/125 BW. Devonian, top 2717', acid and frac. Main Consol.
- 29, 648'NL, 566'WL, SE. Getty Oil Co. #52 S. O. Allen. Spd. 10-14-76. Comp. 11-15-76. TD 2972'. IP 30 BOP/40 BW. Devonian, top 2748', acid. Main Consol.

CUMBERLAND COUNTY9N, 8E

- 15, NE NE NE. G.A.M. Oil Co. #1 Leonard Flood. Spd. 11-25-75. Comp. 12-7-75. TD 3275'. D&A. Ullin, top 3215' (approx.). WF.

10N, 10E

- 12, 814'SL, 184'WL, SE SW. Marathon Oil Co. T1-01 Haworth Heirs. Abd. loc. Siggins.
- 12, 806'SL, 192'WL, SE SW. Marathon Oil Co. T1-02 Haworth Heirs. Abd. loc. Siggins.

EDGAR COUNTY

12N, 13W

4, 330'SL, 600'EL, SW NW. Earnest Zink #1 Siverly. Spd. 10-76. Comp. 10-76. TD 525'. IP 370 MCIG. Pennsylvanian, top 450'. Grandview.

13N, 13W

21, SE NE NE. Cinco Oil Co., Inc. #2 Asa Greathouse. Spd. 10-21-76. Comp. 11-9-76. TD 510'. D&A. Salem, top 508'. WN - Dudley.

EDWARDS COUNTY

1N, 10E

Irr. 30, 330'NL, 330'EL, NE. Frank Yockey #1 Harris. Spd. 9-30-76. Comp. 10-8-76. TD 3250'. D&A. Ste. Genevieve, top 3222'. Maple Grove Consol.

2S, 10E

5, SE NE SW. Petro-Halogen Corp. #1 Anniss. Spd. 10-13-76. Comp. 11-6-76. TD 3462'. D&A. McClosky, top 3415'. Albion Central.

2S, 14W

29, SW NE SE. Laurent Oil Co. #1 Lillian Siegert. Spd. 8-2-76. Comp. 9-21-76. TD 3103'. IP 10 BOP. Spar Mountain, top 3080', acid. Albion East.

3S, 10E

9, NW NE SE. M. V. Ring #1 C. Perkins. Spd. 10-6-76. Comp. 10-11-76. TD 3762'. D&A. Salem, top 3472'. Albion West.

3S, 11E

Irr. 6, 330'SL, 330'EL, SW. French Creek Co. #1 V. C. Fieber. Spd. 10-19-76. Comp. 10-22-76. TD 2422'. D&A. Waltersburg, top 2391'. Phillipstown Consol.

EFFINGHAM COUNTY

8N, 4E

Irr. 18, 330'NL, 990'WL, SW. James A. Southerland #2 Dammerman Comm. Abd. loc. Louden.

9N, 4E

26, SE SW SE. Fletcher F. Farrar #1 Dixie Ross. Spd. 10-8-76. Comp. 10-21-76. TD 4307'. D&A. Trenton, top 4258'. WF.

FAYETTE COUNTY

7N, 3E

Irr. 19, 990'SL, 330'WL, NW SE. L. B. Hoss Trust #8 Arnold. Spd. 10-4-75. Comp. 4-14-76. TD 1582'. Temp. abd., non-commercial. Cypress, top 1552', shot and frac. Louden.

FRANKLIN COUNTY

6S, 4E

34, SE NE NE. C. E. Brehm Drlg. & Prod. #3 Pulverman "E". Abd. loc. Akin.

FRANKLIN COUNTY (continued)

7S, 4E

- 3, 965'SL, 300'WL, NW NE. C. E. Brehm Drlg. & Prod. #F-3 Pulverman.
Abd. loc. WN - Thompsonville North.

GALLATIN COUNTY

7S, 8E

- 22, NW NW NE. Duke Resources Corp. #1 Kenneth Thomas. OWWO. Was Ross
Bartmes #1 T. C. Benner. D&A. OTD 2645'. Comp. 11-6-45. Recomp.
11-12-76. COTD 2645'. D&A. Cypress, top 2641'. Roland
Consol.

8S, 9E

- 12, NE NE SE. Joe Simpkins Oil Developments #1 Leach "A". Spd. 9-20-76.
Comp. 10-9-76. TD 2122'. IP 10 BOP/5 BW. Tar Springs, top 2112',
nat. Inman West Consol.

JASPER COUNTY

6N, 9E

- 12, SE SW SW. Parrish Production Co. #1 Clyde Songer Consol. OWWO.
Was J. W. Menhall #1 O. Ross. Was D&A. OTD 2960'. Comp. 11-19-46.
Recomp. 10-20-76. COTD 2986'. D&A. McClosky, top 2921'.
Newton.

7N, 10E

- 27, C W/2 NW NW. Southern Ill. Oil Prod. #3 Reisner. Abd. loc. Clay
City Consol.

LAWRENCE COUNTY

2N, 12W

- 11, 10'NL, 660'WL, NE SW. Transwestern Petroleum Corp. #1-SWD Paul
Young. Spd. 4-13-76. Comp. 5-1-76. TD 1300'. SWD. Biehl, top
1124'. Lawrence.

- 11, 360'NL, 330'WL, NE SW. Transwestern Petroleum Corp. #1-B Paul
Young. Spd. 11-14-75. Comp. 7-7-76. TD 1297'. IP 5 BOP/10 BW.
Biehl, top 1256' (est.), nat. Lawrence.

- 11, SW NE SW. Transwestern Petroleum Corp. #2B-WI Paul Young. Spd.
11-10-75. Comp. 11-5-76. TD 1300'. Water input. Biehl, top
1282'. Lawrence.

2N, 13W

- 15, C S/2 NW NW. Herman L. Loeb #3 Bennett-Wright. Spd. 11-9-76.
Comp. 11-14-76. TD 2685'. D&A. McClosky, top 2666' (approx.).
Lancaster.

3N, 12W

- 15, 1150'SL, 300'WL, SE SW. John M. Zanetis #15 W. H. Gillespie. Spd.
10-8-76. Comp. 11-16-76. TD 1650'. IP 16 BOP/50 BW. Tar Springs,
top 1282'. Lawrence.

LAWRENCE COUNTY (continued)

3N, 12W

- 17, 330'SL, 330'EL, SW. Lyle Gilliatt #2 Rogers Hrs. Spd. 7-16-75.
Comp. 4-2-76. TD 2183'. IP 15 BOP/150 BW. Tar Springs, top 1336',
nat. Lawrence. (Was erroneously run in May 1976 Drlg. Report
as D&A.)

3N, 13W

- 11, SE SE SW. Reinhold Oil Producers #3-B Sanders. Spd. 7-31-76.
Comp. 11-15-76. TD 2358'. IP 15 BOP/30 BW. Aux Vases, top 2226',
acid and frac. Lawrence West.
- 14, NE NW NE. Reinhold Oil Producers #4-A Johnston Comm. Spd. 11-5-76.
Comp. 11-20-76. TD 2296'. IP 70 BOP/50 BW. Aux Vases, top 2240',
frac.; Ohara, top 2268', frac. Lawrence West.
- 14, SE NE NE. Reinhold Oil Producers #2 Mason-Staats. Spd. 8-27-76.
Comp. 11-16-76. TD 2257'. IP 55 BOP/30 BW. Spar Mountain, top
2210'; McClosky, top 2232', frac. Lawrence West.

4N, 12W

- 19, 50'NL, 10'WL, SE SE. Marathon Oil Co. #QB-19 G. L. Miller. Spd.
9-10-76. Comp. 9-13-76. TD 1027'. Water input. Bridgeport,
top 826'. Lawrence.
- 19, 660'SL, 10'EL, SW. Marathon Oil Co. #NB-20 E. Willey. Spd. 9-3-76.
Comp. 9-7-76. TD 890'. Water input. Bridgeport, top 780'.
Lawrence.
- 20, 660'NL, 10'WL, SW. Marathon Oil Co. #SB-18 C. L. Lewis. Spd.
9-14-76. Comp. 9-15-76. TD 1015'. Water input. Bridgeport,
top 808'. Lawrence.
- 20, 10'NL, 660'WL, SW. Marathon Oil Co. #TB-17 C. L. Lewis. Spd.
9-30-76. Comp. 10-4-76. TD 1028'. Water input. Bridgeport,
top 821'. Lawrence.
- 29, NW SW NW. Marathon Oil Co. #66 W. R. Crackle, A/C 1. Spd. 5-18-76.
Comp. 10-27-76. TD 1375'. IP 52 BOP/356 BW. Bridgeport, top 891',
frac.; Cypress, top 1303', frac. Lawrence.
- 30, 84'NL, 0'EL, NE. Marathon Oil Co. #NB-21 Isaac Boyd. Spd. 8-26-76.
Comp. 8-27-76. TD 1040'. Water input. Bridgeport, top 781'.
Lawrence.
- 30, 78'NL, 660'WL, NE. Marathon Oil Co. #PB-21 Isaac Boyd. Spd.
8-24-76. Comp. 8-26-76. TD 995'. Water input. Bridgeport,
top 826'. Lawrence.
- 32, 685'NL, 736'WL, NW. Marathon Oil Co. #23 Josie Petty. Abd. loc.
Lawrence.

LAWRENCE COUNTY (continued)

4N, 13W

Irr. 23, 330'NL, 643'WL, NE SW. Schlensker Drilling Corp. #1 J. C. Piper Heirs. Spd. 7-24-75. Comp. 8-1-75. TD 3612'. D&A. Devonian, top 3415'. WN - Lawrence.

5N, 13W

Irr. 36, 660'NL, 610'EL, SW. Schlensker Drilling Corp. #1 Mary Updike et al. Spd. 11-28-75. Comp. 4-5-76. TD 3353'. IP 14 BOP/10 BW. Benoist, top 1550', frac.; Aux Vases, top 1588', frac. Lawrence.

LIVINGSTON COUNTY

30N, 3E

Irr. 30, 57'SL, 147'EL, SW NW. Northern Illinois Gas Co. #202 A. White. Spd. 4-4-74. Comp. 4-29-74. TD 955'. Gas storage observation. New Richmond, top 756'. Ancona Gas Storage Field.

MCLEAN COUNTY

22N, 5E

30, 345'SL, 1403'EL, NE. Walter Bollenbacher Family Trust #1 Ed McConkey. Abd. loc. WF.

25N, 2E

35, 100'SL, 100'WL, SE SW. Northern Ill. Gas Co. #1 E. Raycraft. Spd. 12-12-75. Comp. 1-27-76. TD 4162'. Gas injection/withdrawal. Mt. Simon, top 3853'. Hudson Gas Storage Field.

25N, 3E

Irr. 1, 1511'SL, 100'EL, SW. Northern Illinois Gas Co. #1 Franklin Farms. Spd. 5-14-76. Comp. 5-31-76. TD 4280'. Water observation. Mt. Simon, top 3876'. Lexington Gas Storage Field.

14, C SE NW. Northern Illinois Gas Co. #6 Pyne Well. Spd. 3-8-76. Comp. 4-11-76. TD 5062'. SWD. Mt. Simon, top 4816'. Lexington Gas Storage Field.

26, 60'NL, 133'EL, SE. Northern Illinois Gas Co. #1 Meara. Spd. 4-16-76. Comp. 5-6-76. TD 4260'. Gas storage observation. Mt. Simon, top 3844'. Lexington Gas Storage Field.

MADISON COUNTY

4N, 6W

35, 380'NL, 330'WL, SW NW. Northwestern Oil Co., Inc. #1 Steinkoenig. Spd. 11-5-76. Comp. 11-8-76. TD 602'. D&A. Pennsylvanian, top 567'. WF.

MARION COUNTY

1N, 2E

Irr. 6, 660'SL, 330'WL, SE NE. Texaco, Inc. #21 J. F. Canull, Salem Unit, Tract 145. Conversion. Was Devonian producer. Comp. 10-31-76. COTD 3415'. Water input. Devonian, top 3330'. Salem Consol.

MARION COUNTY (continued)

1N, 2E

- 8, 668'NL, 330'WL, SE NW. Texaco, Inc. #7 B. Hawkins Comm., O/A Salem Unit, Tract 190. Conversion. Was Devonian producer. Comp. 10-31-76. COTD 3467'. Water input. Devonian, top 3402'. Salem Consol.

2N, 4E

- 29, 990'SL, 1680'WL, SW. Farmers Pet. Co-operative, Inc. #1 Mathilda Koehnke et al. Spd. 9-20-76. Comp. 9-28-76. TD 2790'. D&A. Ste. Genevieve, top 2660' (approx.). WN - Iuka South.

MONROE COUNTY

2S, 10W

- 11, 341'NL, 546'WL, SE. John W. Kelly #2 Schuler. OWWO. Conversion. Was Frank A. Wesley #2 Schuler. Was abandoned Trenton producer. Comp. 10-9-76. TD 480'. Water input. Trenton, top 470' (approx.). Waterloo.

RICHLAND COUNTY

3N, 9E

- 5, C NE SE. Union Oil Co. of Calif. #16 Palmer-Taylor, Colborn Cons. Conversion. Was McClosky dry hole. Temp. abd. 11-16-54. Comp. 9-23-76. COTD 2888'. Water input. Aux Vases, top 2854'. Clay City Consol.
- 5, 50'SL, 210'EL, NW SE. Union Oil Co. of Calif. #17 Palmer-Taylor, Colborn Cons. Conversion. Was McClosky dry hole, temp. abd. 12-21-54. Comp. 9-1-76. COTD 2930'. Water input. Aux Vases, top 2862'. Clay City Consol.
- 5, NE NE SW. Union Oil Co. of Calif. #18 Palmer-Taylor, Colborn Cons. Conversion. Was Salem producer. Comp. 10-8-76. COTD 2928'. Water input. Aux Vases, top 2884'. Clay City Consol.
- 8, C NE NE. Union Oil Co. of Calif. #3 C. L. Wilson, Colborn Cons. Conversion. Was temp. abd. dry hole. OTD 2996'. Comp. 10-1-76. COTD 2915'. Water input. Aux Vases, top 2867'. Clay City Consol.
- 10, C NW SW. Larry Hudson #1 Robards. OWWO. Originally Pure Oil #1 H. Hegg. Was D&A. OTD 3050'. Comp. 11-24-42. OWWO and OWDD. Was R. L. Van Fossan Assoc. #1 Robards. Was D&A. OTD 3592'. Comp. 5-20-75. Recom. 10-26-76. COTD 3100'. D&A. St. Louis, top 3060'. Clay City Consol.

4N, 14W

- 26, SW NW SW. C.E.R. Production Co. #1 McCaw. Spd. 7-12-76. Comp. 9-22-76. TD 3014'. IP 41 BOP. Spar Mountain, top 2980'. EXTENSION TO HADLEY FIELD.
- 26, NE NW SW. C.E.R. Production Co. #1 Provines-McCaw. Spd. 7-18-76. Comp. 9-22-76. TD 3039'. IP 25 BOP. Spar Mountain, top 2980', acid. Hadley.

RICHLAND COUNTY (continued)4N, 14W

- 27, SE NE SE. C.E.R. Production Co. #1 D. Ginder. Spd. 8-11-76. Comp. 11-16-76. TD 3019'. IP 22 BOP. Spar Mountain, top 2984', mca. Hadley.

SALINE COUNTY7S, 6E

- 36, NW NW SE. Ill. Mid-Continent Co. & Dee Drlg. Co. #1 Thyda June Rhine. Spd. 9-21-76. Comp. 9-27-76. TD 3118'. D&A. McClosky, top 3080'. Raleigh.

7S, 7E

- 24, NW SE SW. J. D. Turner #1 Charles J. Varner. Spd. 10-12-76. Comp. 10-15-76. TD 2458'. D&A. Golconda, top 2451'. WN - Roland West.

8S, 6E

- 15, NW NE NW. Duke Resources Corp. #2 Guest. Spd. 3-20-76. Comp. 9-21-76. TD 3138'. IP 38 BOP/10 BW. Aux Vases, top 2960', mca and frac. Raleigh.

SANGAMON COUNTY14N, 3W

- Irr. 6, 660'NL, 330'WL, SE. Hale Resources & Energy Co. #2-A Ross Fairchild. Spd. 7-26-76. Comp. 10-19-76. TD 1770'. IP 136 BOP. Silurian, top 1714', mca and acid. Edinburg West.

15N, 3W

- Irr. 1, 500'NL, 870'WL, SW NE. J. U. Dodge #1 Perko. Spd. 11-16-76. Comp. 11-19-76. TD 1817'. D&A. Silurian, top 1779'. Roby East.

- 29, 370'SL, 330'EL, SW NE. Dwight Beckham #4-A Davey. Spd. 8-8-76. Comp. 9-13-76. TD 1750'. IP 16 BOP/2 BW. Silurian, top 1724', frac. Berry.

- 29, NE NE NE. Dwight Beckham #9 Davey. Spd. 8-13-76. Comp. 9-13-76. TD 1750'. IP 31 BOP. Silurian, top 1729', acid-frac. Berry.

WABASH COUNTY1N, 11W

- 17, NW NE SW. Southern Triangle Oil Co. #1 Little Rock Farm. Spd. 10-9-76. Comp. 10-16-76. TD 2722'. D&A. Salem, top 2480'. Allendale.

- 17, NW NW SE. Southern Triangle Oil Co. #2 Little Rock Farm. Spd. 10-13-76. Comp. 10-24-76. TD 2593'. D&A. Salem, top 2476'. Allendale.

1N, 12W

- 4, 330'NL, 330'EL, SE. Gilbert A. Higgins #5 Olive Brooks. Spd. 4-15-76. Comp. 5-28-76. TD 1536'. IP 6 BOP/trace of water. Jordan, top 1526', frac. Allendale. (Was erroneously run as temp. abd. in June 1976 Drlg. Report.)

WABASH COUNTY (continued)1N, 12W

16, NW SE NW. Loeffler Oil Corp. #4 Cozine. Spd. 8-12-76. Comp. 10-5-76. TD 2304'. IP 5 BOP/25 BW. Cypress, top 2005', frac. Allendale.

Irr. 30, 330'NL, 330'EL, SW NE. Jack E. Small #1-SWD Norman Dunkel. Conversion. Was Southern Triangle Oil Co. #1 Norman Dunkel. Was D&A. OTD 1672'. Comp. as temp. abd. 6-11-76. Recom. 6-12-76. COTD 1672'. SWD. Tar Springs, top 1648'. Allendale.

Irr. 31, 330'NL, 330'WL, NE NE. Jack E. Small #1 Dunkel-Steckler Unit. Spd. 9-18-76. Comp. 11-9-76. TD 1488'. IP 22 BOP. Biehl, top 1475', shot. Allendale.

1N, 14W

14, 165'SL, 165'WL, NW. Louis A. Pessina #1-SWD J. A. Fishel. Spd. 10-13-76. Comp. 11-8-76. TD 1570'. SWD. Pennsylvanian, top 1397'. Gards Point Consol.

2N, 12W

35, 2520'SL, 712'EL, SE SE SE. Steve Tomko #10 (Carole's) Trimble. Spd. 9-22-76. Comp. 11-2-76. TD 1440'. IP 12 BOP. Jordan, top 1404', frac. Allendale.

1S, 12W

Irr. 6, 330'SL, 714'WL, NE SW. Andy G. Hocking #1 Baumgart et al. Comm. Spd. 8-24-76. Comp. 11-9-76. TD 3093'. IP 6 BOP/30 BW. Salem, top 2836', acid frac. Mt. Carmel.

9, 1'SL, 330'EL, NE. Southern Triangle Oil Co. #4 Jacob Zimmerman. Spd. 9-3-76. Comp. 11-9-76. TD 2006'. IP 15 BOP/10 BW. Biehl, top 1450'; Cypress, top 1990', frac. Mt. Carmel.

9, 1350'SL, 360'EL, NE. Southern Triangle Oil Co. #5 Jacob Zimmerman. Spd. 8-18-76. Comp. 11-9-76. TD 2007'. IP 5 BOP/15 BW. Cypress, top 1990', frac. Mt. Carmel.

Irr. 10, 565'SL, 330'WL, NW. Southern Triangle Oil Co. #C-1 Jacob Zimmerman. Spd. 8-11-76. Comp. 11-9-76. TD 2007'. IP 8 BOP/20 BW. Cypress, top 1990', frac. Mt. Carmel.

1S, 13W

34, 330'SL, 160'EL, SW. John W. Alka #1B John W. Alka. Spd. 10-18-76. Comp. 11-12-76. TD 2315'. IP 22 BOP/0 BW. Cypress, top 2308', nat. New Harmony Consol.

2S, 14W

10, NE SE SE. Andy G. Hocking #1 Fred Hocking. Spd. 10-8-76. Comp. 11-9-76. TD 3650'. IP 8 BOP/30 BW. Salem, top 3402', acid and frac. EXTENSION TO BROWNS EAST FIELD. NEW PAY IN FIELD.

WAYNE COUNTY1N, 8E

- 9, SW NW SE. Hubert W. Rose #1 Farmer Heirs. Abd. loc. Clay City Consol.
- 10, NW NE SW. Perry Fulk #1 F. Best. Spd. 10-6-76. Comp. 10-15-76. TD 3755'. D&A. Salem, top 3442'. Clay City Consol.
- 10, NE SW NW. Midwest Oil Producers #1 Bourland. Spd. 6-8-76. Comp. 8-1-76. TD 3782'. IP 8 BOP/72 BW. Salem, top 3720' (approx.), acid. Clay City Consol.
- 10, NW NW SW. Booth Oil Co., Inc. #1 Taylor. Spd. 8-2-76. Comp. 9-24-76. TD 3770'. IP 2 BOP/4 BW. Salem, top 3695', mca. Clay City Consol.
- 16, NE NE NW. Hanson Oil Co., Inc. #1 Sparr. Spd. 7-2-76. Comp. 11-9-76. TD 3736'. IP 25 BOP/7 BW. Salem, top 3588', mca and acid. Clay City Consol.

1N, 9E

- 11, 1650'SL, 910'WL, NE. John M. Zanetis #1-B Rutger Heirs. Spd. 9-29-76. Comp. 10-3-76. TD 3400'. D&A. McClosky, top 3248'. Calhoun South.

2N, 7E

- 24, 375'NL, 346'EL, SW. Union Oil Co. of Calif. #3-A Lafayette Gill. Spd. 9-11-76. Comp. 11-16-76. TD 3642'. Comb. (oil) 135 BOP/100 BW (gas) 95 MCF. Salem, top 3292', acid. Clay City Consol.

1S, 6E

- Irr. 4, 330'SL, 380'EL, NE SW. Van Fossan Associates #4 Brandon Oldham. Spd. 10-29-76. Comp. 11-8-76. TD 3908'. D&A. Salem, top 3565' (approx.). Johnsonville Consol.
- 14, C N/2 SE NE. Booth Oil Co., Inc. #1 White Consolidated. Spd. 9-22-76. Comp. 10-27-76. TD 3810'. IP 18 BOP. Salem, top 3739', mca. Johnsonville South.
- 14, 330'SL, 370'EL, SW SW. Fletcher F. Farrar #2 White. Spd. 9-18-76. Comp. 11-9-76. TD 3793'. IP 265 BOP. McClosky, top 3139', acid. Johnsonville South.
- 14, NE SW SW. Fletcher F. Farrar #3 Wm. White. Spd. 10-1-76. Comp. 11-16-76. TD 3788'. IP 75 BOP/10 BW. McClosky, top 3140', acid. Johnsonville South.
- 23, 330'NL, 370'EL, SW NE. Van Fossan Associates #1 Leslie White. OWWO-OWDD. Was Robinson & Puckett #1 Hiley. Was D&A. OTD 3240'. Comp. 1-31-50. Recomp. 10-28-76. DTD 3366'. D&A. St. Louis, top 3245' (approx.). Johnsonville South.

WAYNE COUNTY (continued)

1S, 8E

- 15, 940'NL, 330'EL, SW SW. Union Oil Co. of California #1 Gray-Thomason.
Spd. 9-29-76. Comp. 11-14-76. TD 3840'. IP 500 BOP/298 BW.
Salem, top 3782', acid and acid frac. Clay City Consol.

2S, 8E

- 27, SW SE SW. Bernard Podolsky #1 Noel Vaughan. OWWO and OWDD. Was
Sohio Pet. Co. #1 G. T. Caldwell. Was D&A. OTD 3446'. Comp.
8-24-48. Recomp. 11-3-76. DTD 4165'. D&A. Warsaw, top
4120' (approx.). Barnhill.

2S, 9E

- 9, SE NE SW. Runyon Oil Exploration, Inc. #1 Charles A. French. Spd.
9-8-76. Comp. 10-20-76 (est.). TD 3440'. IP 40 BOP/15 BW.
Aux Vases, top 3231', frac.; Ohara, top 3301', acid;
Spar Mountain, top 3319', acid. Goldengate North Consol.
- 24, C NE NW. Runyon Oil Exploration #1 Beadles-Park Comm. Spd. 8-11-76.
Comp. 10-20-76. TD 3416'. IP 10 BOP/30 BW. Bethel, top 3150',
frac.; Aux Vases, top 3262', frac. Goldengate Consol.

WHITE COUNTY

4S, 8E

- 14, 380'SL, 330'EL, NE NE. RK Petroleum Corp. #1 Fred Garrett. Spd.
9-30-76. Comp. 10-7-76. TD 3514'. D&A. McClosky, top 3485'.
WF.

- 32, NE SW NE. RK Petroleum Corp. #1 Orr et al. Spd. 10-2-76. Comp.
11-1-76. TD 3500'. IP 90 BOP. Spar Mountain, top 3437', nat.
DISCOVERY OF SPRINGERTON SOUTH.

4S, 9E

- 16, SW SE SE. Louis H. Kapp, Jr. #1 Clara Carroll. Spd. 10-3-76.
Comp. 11-16-76. TD 4331'. IP 40 BOP/60 BW. Ullin, top 4192',
frac. Sumpter North.

4S, 10E

- 36, 30'NL, 1415'WL, SE. Barger Engineering, Inc. #W-4 Aerial H.
Cleveland. Spd. 9-8-76. Comp. 11-4-76. TD 2462'. Water input.
Tar Springs, top 2295'. Phillipstown Consol.

4S, 11E

- Irr. 7, 400'SL, 330'EL, SE. William R. & Phyllis Becker #1 W & K Lamont.
OWWO. Was D&A. OTD 3233'. Comp. 6-23-76. Recomp. 11-9-76.
COTD 2070'. Temp. abd. Degonia, top 1999'. Phillipstown
Consol.

- Irr. 18, 330'NL, 330'WL, SW. Getty Oil Co. #20 E. S. Dennis "B" Lease.
Spd. 10-1-76. Comp. 11-9-76. TD 2420'. IP 28 BOP/31 BW.
Tar Springs, top 2358', acid. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 11E

Irr. 31, 680'NL, 100'EL, Section. Barger Engineering Inc. #W-16 H. Garner. Spd. 9-17-76. Comp. 10-26-76. TD 1487'. Water input. Pennsylvanian, top 1482'. Phillipstown Consol.

5S, 8E

4, SE SE SW. RK Petroleum Corp. #1 Lucille Berberich. Spd. 10-18-76. Comp. 11-9-76. TD 3487'. D&A. McClosky, top 3474'. Enfield North.

16, SE SW SW. Louis H. Kapp, Jr. #1 Edwin Jordan. Spd. 10-27-76. Comp. 11-6-76. TD 3517'. D&A. McClosky, top 3458'. WN - Enfield.

19, NE NW SE. Reynolds & Vincent #1 Truman Wilson. OWWO. Was D&A. OTD 3563'. Comp. 2-9-76. Recomp. 10-26-76. TD 3475'. IP 2 BOP. Aux Vases, top 3354', acid. Enfield.

28, SE NW NE. Pricefields Oil, Inc. #1 J. Young. Spd. 10-25-76. Comp. 11-5-76. TD 4258'. D&A. Ullin, top 4228'. WN - Enfield.

5S, 10E

16, SW SW SW. Eugene E. Morris #1 James A. Walsh, Jr. Spd. 9-11-76. Comp. 11-2-76. TD 3130'. IP 10 BOP/6 BW. Ohara, top 3114'. Storms Consol.

7S, 11E

Irr. 7, 704'NL, 66'WL, SE. Juniper Petroleum Corp. #6 Ivan McCallister. Conversion. Was Skiles Oil Corp. #6 McCallister. Was Tar Springs producer. Comp. 11-16-76. COTD 2203'. Water input. Tar Springs, top 2189'. Concord East Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH NOVEMBER 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

- 8-15N-1W, 330'NL, 660'EL, NW. William B. Hudson #1 Buzzard. 1858'. 10-27-76.
Mt. Auburn Consol.
8-15N-1W, 380'NL, 1'WL, NE. William Hudson #4 Carl Buzzard. 1860'. 10-28-76.
Mt. Auburn Consol.

CLARK COUNTY

- 13-9N-14W, 959'NL, 450'EL, SE. Conley & Froderman #G-1 R. Bennett. 415'.
11-76. Martinsville.
26-10N-14W, 330'SL, 110'EL, NE. Frank A. Bridge #11 Lulu Poffinbarger.
1378'. 9-17-76. Johnson North.

CLAY COUNTY

- 26-4N-5E, 330'NL, 330'WL, SW SW. Texas Co. #3 M. J. Gray. 2629'. 9-28-76.
(Water input, formerly a producer.) Oskaloosa.
27-4N-5E, SE SW SE. Texas Co. #3 R. L. Harrell "B" Tr. 1. 2608'. 10-5-76.
(Water input, formerly a producer.) Oskaloosa.
27-4N-5E, SE SE SE. Texas Co. #2 Ella Gammon "B" Tr. 2. 2609'. 9-23-76.
(Water input, formerly a producer.) Oskaloosa.
27-4N-5E, NE SE SE. Texas Co. #3 Ella Gammon "B". 2610'. 9-16-76. Oskaloosa.
34-4N-5E, SE NE NE. Texas Co. #4 E. Gammon Unit Tr. 6. 2605'. 10-11-76.
(Water input, formerly a producer.) Oskaloosa.

CRAWFORD COUNTY

- 1-7N-13W, SW SW NW. Mary Wright #1 P. Dollohan, formerly Kelley, Conrad, and
Kaye Drlg. & Oil Co. 1487'. 11-4-76. Main Consol.
29-7N-13W, 400'NL, 400'WL, NE NE. Eugene A. Johnson #1 Fred Henry. 911'.
7-7-76. Main Consol.

EDWARDS COUNTY

- 1-3S-10E, SE SE NW. Abner Carey #1 Kellett. 3066'. 11-5-76. Albion Consol.
1-3S-10E, NE SE NW. Abner Carey #2 Kellett. 3068'. 11-3-76. Albion Consol.

FRANKLIN COUNTY

- 25-6S-4E, NW SW SW. C. E. Brehm Drlg. & Prod. #2-A U. S. Steel. 3122'.
10-22-76. Akin.
25-6S-4E, NW SE SW. C. E. Brehm Drlg. & Prod. #5 U. S. Steel "A". 3138'.
10-29-76. Akin.
25-6S-4E, NE SW SW. C. E. Brehm Drlg. & Prod. #A-1 U. S. Steel, formerly
1-A. 3132'. 10-27-76. (Water input, formerly a producer.) Akin.
19-7S-3E, 380'NL, 337'EL, SE SE. Killion & McClement #W-1 Tew-Sinks Unit,
formerly Paul Mosebach 1-A Tew-Mosebach. 2911'. 10-19-76. (Water
input, formerly a producer.) West Frankfort Consol.
20-7S-3E, 600'SL, 393'WL, SW. Killion & McClement #W-2A Tew-Sinks Unit,
formerly Paul Mosebach #2A Tew-Mosebach. 2824'. 10-19-76. (Water
input, formerly a producer.) West Frankfort Consol.

FRANKLIN COUNTY (continued)

- 20-7S-3E, 560'SL, 380'EL, NW SW. Paul Mosebach #5A Tew-Mosebach. 2947'. 10-19-76. West Frankfort Consol.
- 29-7S-3E, 494'NL, 330'WL, NW. Killion & McClement #W-1B Tew-Sinks Unit, formerly Paul Mosebach #1B Tew-Mosebach. 2887'. 10-19-76. (water input, formerly a producer.) West Frankfort Consol.

GALLATIN COUNTY

- 21-7S-8E, SE SW NE. Wm. J. Grogan #1 Schock, formerly Paul S. Knight #2 C. R. Bennett. 2979'. 10-14-76. Roland Consol.
- 29-7S-8E, SW NE SW. Petromin Corp. #1 Albert Greer. 2520'. 10-16-76. Omaha.
- 31-7S-8E, SE SE SE. American Pump & Supply Co. #1 Wolf, formerly R. C. Davoust, Inc., originally Nation Oil Co. 2908'. 11-13-76. (Water input, formerly a producer.) Omaha.
- 6-8S-8E, 506'NL, 990'EL, NE. American Pump & Supply Co. #A-2 R. A. Wolf, formerly Nation Oil Co. 2555'. 11-17-76. (Water input, formerly a producer.) Omaha.
- 10-8S-10E, SW NE SE. Carter Oil Co. #32 M. G. Kerwin. 2389'. 10-5-76. Inman East Consol.
- 11-8S-10E, NW SW NW. Carter Oil Co. #14 Busiek-Crawford. 2404'. 9-27-76. Inman East Consol.
- 11-8S-10E, 330'SL, 330'WL, NW NW. Carter Oil Co. #15 Busiek-Crawford. 2412'. 9-28-76. Inman East Consol.
- 11-8S-10E, NW NW NW. Carter Oil Co. #16 Busiek-Crawford. 2424'. 9-24-76. Inman East Consol.
- 15-8S-10E, 270'NL, 430'EL, SE NE NE. Carter Oil Co. #2-W F. J. Wright, formerly Cherry-Kidd #2. 2409'. 10-1-76. (Water input, formerly a producer.) Inman East Consol.
- Fr. 22-8S-10E, SW SW NE. Eastern Petroleum Co. #1 Leach et al. 2079'. 9-17-76. Inman East Consol.
- Fr. 22-8S-10E, 390'NL, 330'WL, SW NE. Eastern Petroleum Co. #2 Leach et al. 2452'. 9-16-76. Inman East Consol.

HAMILTON COUNTY

- 31-3S-7E, SW NE NW. Oilfield Research, Inc. #2 Evelyn E. Leach et al. 3465'. 10-14-76. Aden South.
- 10-6S-5E, NE SW SE. Oslager Oil Co. #1 Nova Harrelson. 3201'. 10-8-76. Dale Consol.
- 10-6S-5E, SE SW SE. Oslager Oil Co. #1-B Nova Harrelson. 3190'. 10-6-76. Dale Consol.
- 10-6S-5E, NE NE SE. Joe Simpkins Oil Develop. #1 Robertson, formerly Oslager Oil Co. 3243'. 9-26-76. (Water input, formerly a producer.) Dale Consol.
- 10-6S-5E, SE NE SE. Oslager Oil Co. #2 Robertson. 3207'. 9-25-76. Dale Consol.
- 10-6S-5E, SW NE SE. Oslager Oil Co. #3 Maggie Robertson. 3243'. 10-1-76. Dale Consol.
- 10-6S-5E, NW SE SE. Joe Simpkins Oil Develop. #1 Ivy Sneed, formerly Oslager Oil Co. 3197'. 10-12-76. (Water input, formerly a producer.) Dale Consol.
- 10-6S-5E, SW SE SE. Oslager Oil Co. #2 Ivy Sneed. 3173'. 10-4-76. Dale Consol.

HAMILTON COUNTY (continued)

- 12-6S-5E, NE SW SW. Reward Oil Co. #4 A. E. Anderson. 3251'. 10-12-76.
Dale Consol.
- 12-6S-5E, SW SW SE. Shell Oil Co., Inc. #1 C. Ventress. 3194'. 10-5-76.
Dale Consol.
- 12-6S-5E, SW SE SW. Shell Oil Co., Inc. #2 C. Ventress. 3411'. 10-5-76.
(Gas input, formerly a producer.) Dale Consol.
- 12-6S-5E, 997'SL, 990'EL, SW. Shell Oil Co., Inc. #5 C. Ventress (Rural Hill
Flood Unit #16-W). 3377'. 10-5-76. (Water input, formerly a pro-
ducer.) Dale Consol.
- 13-6S-5E, SW NW NW. Shell Oil Co., Inc. #1 L. F. Lockwood. 3274'. 10-5-76.
(Gas input, formerly a producer.) Dale Consol.
- 13-6S-5E, NE NW NW. Shell Oil Co., Inc. #3 L. F. Lockwood. 3315'. 10-5-76.
Dale Consol.
- 23-6S-5E, 989'NL, 1005'EL, NE. Shell Oil Co., Inc. #B-6 J. F. Crabtree.
3328'. 10-5-76. Dale Consol.
- 24-6S-5E, SE NE SW. Shell Oil Co. #139 Rural Hill Flood Unit. 3151'.
10-7-76. Dale Consol.
- 24-6S-5E, NW NE NE. Shell Oil Co. #123-W Rural Hill Flood Unit, formerly
Texas Co. #1 Logan W. Smith. 3338'. 10-14-76. (Water input, formerly
a producer.) Dale Consol.
- 24-6S-5E, NE SW NE. Texas Co. #2 L. W. Smith. 3281'. 10-1-76. (Salt
water disposal, formerly a producer.) Dale Consol.
- 24-6S-5E, SE SE NW. Ohio Oil Co. #3 O. C. Smith. 3262'. 10-6-76. Dale
Consol.

JEFFERSON COUNTY

- 7-1S-4E, SE NW NW. David F. Herley #1 Donoho-Shields. 3213'. 11-9-76.
Divide Consol.

LAWRENCE COUNTY

- 2-2N-12W, 85'NL, 170'EL, SE NW. Ohio Oil Co. #25 J. B. Kerr Jr. 2009'.
6-21-76. Lawrence.
- 14-3N-12W, 150'NL, 150'WL, SW NW. Braden #3 N. M. Rogers. 1555'. 9-21-76.
Lawrence.
- 26-3N-12W, 500'SL, 155'WL, SE SE. Ohio Oil Co. #4 G. L. Ryan a/c 3. 1032'.
8-11-76. Lawrence.
- 34-3N-12W, 170'SL, 115'EL, SW SE. Ohio Oil Co. #1 Joseph Gray. 1027'.
7-20-76. Lawrence.
- 34-3N-12W, 160'SL, 175'EL, SE SE. Ohio Oil Co. #5 Joseph Gray. 1019'.
5-25-76. Lawrence.
- 34-3N-12W, 25'NL, 20'EL, SW SE. Ohio Oil Co. #20 Joseph Gray. 1021'.
5-17-76. Lawrence.
- 34-3N-12W, 220'SL, 170'EL, SE SE. Ohio Oil Co. #36 Joseph Gray. 1644'.
7-13-76. Lawrence.
- 35-3N-12W, 305'SL, 370'EL, NW SE. Ohio Oil Co. #21 L. K. Leighty a/c 1.
1788'. 6-18-76. Lawrence.

MARION COUNTY

- 21-1N-2E, SW NE NW. E. M. Self #2 Summerville, formerly C. R. Winn #1 J. A.
Karvelas Comm. 2158'. 10-18-76. Salem Consol.

RANDOLPH COUNTY

3-5S-5W, NW SE SW. Delbert H. Runyon #1 Bumann-Etherton. 951'. 10-18-76.
Eden Gas.

SANGAMON COUNTY

14-15N-4W, 330'SL, 355'WL, NE SW. Helm Petro. Co. #1-A Coe. 1718'. 10-25-76.
Black Branch.
22-15N-4W, NE NE NE. Helm Petro. Co. #1-M C. S. Coe. 1674'. 10-26-76.
Black Branch.

WABASH COUNTY

8-1N-12W, 330'SL, 593'EL, SW NE. Charles E. Carr #1 Harry Payne. 1560'.
9-23-76. Allendale.
8-1N-12W, NE SW NE. Charles E. Carr #2 Harry Payne. 1563'. 9-27-76.
Allendale.
8-1N-12W, NW NE SE. Magnolia Petro. Co. #7 John Payne. 1535'. 9-16-76.
Allendale.
8-1N-12W, 660'NL, 400'EL, NW SE. Charles E. Carr #4 Lee Shaffer. 1564'.
9-18-76. Allendale.
Irr. 7-3S-13W, 330'NL, 211'EL, NW. National Assoc. Petro. Co. #3 Arthur
Akin. 2834'. 10-21-76. New Harmony Consol.

WASHINGTON COUNTY

Irr. 30-2S-3W, NE NW NE. Amoco Production Co. #1 Henry Droste. 2860'.
8-21-76. Nashville.

WAYNE COUNTY

26-1N-7E, SW NW SW. Harris Oil Co. #1 E. C. Brach. 3145'. 9-24-76. Clay
City Consol.
27-1N-7E, 661'SL, 330'EL, SW SW. Pure Oil Co. #1 Victor L. Lane (South Cisne
Consol.). 3175'. 11-1-76. (Water input, formerly a producer.) Clay
City Consol.
5-1N-8E, 527'NL, 1195'WL of Frac. Sec. Pure Oil Co. #5-A Jacob W. Barth.
3090'. 10-29-76. Clay City Consol.
Irr. 5-1N-8E, 518'NL, 781'EL, NW. Union Oil Co. of Calif. #4 Jacob W. Barth
"A" (Feller Flood Consol.). 3110'. 10-27-76. (Water input, formerly
a producer.) Clay City Consol.
Irr. 5-1N-8E, 739'NL, 330'WL, NW. Union Oil Co. of Calif. #7 Jacob W. Barth
"A" (Feller Flood Consol.). 3042'. 10-19-76. (Water input, formerly
a producer.) Clay City Consol.
5-1N-8E, SW SE SW. Pure Oil Co. #B-4 G. Miller. 2968'. 10-21-76. (Water
input, formerly a producer.) Clay City Consol.
Irr. 6-1N-8E, SE SW SE. Union Oil Co. of Calif. #B-2 Obrecht Consol. (Feller
Flood Consol.). 2997'. 10-25-76. (Water input, formerly a producer.)
Clay City Consol.
6-1N-8E, NW NE SE. Union Oil Co. of Calif. #3 James Trotter (Feller Flood
Consol.). 2980'. 10-7-76. (Water source well, formerly water input,
originally a producer.) Clay City Consol.
7-1N-8E, NE NE SE. Pure Oil Co. #A-1 Feller Consol. 2988'. 10-14-76.
(Water input, formerly a producer.) Clay City Consol.
7-1N-8E, NW NE SE. Pure Oil Co. #2 Feller Consol. "A". 2984'. 10-13-76.
Clay City Consol.

WAYNE COUNTY (continued)

- 8-1N-8E, 330'WL, 2310'NL, NW. Pure Oil Co. #C-3 J. S. Hubble (Feller Flood Consol.). 10-11-76. (Water input, formerly a producer.) Clay City Consol.
- 35-2N-8E, SW SW NE. Republic Oil Co. #4 Riggs. 3165'. 11-5-76. Clay City Consol.
- 28-1S-8E, NE NE SE. Tuley and Carter #1 J. R. Crews. 3178'. 9-23-76. Clay City Consol.
- Irr. 18-2S-7E, 900'NL, 350'WL, SE NE. Hobson Oil Co. #1-A Buchanan. 3354'. 9-18-76. Clay City Consol.
- 24-2S-9E, SE SW SW. Elizabeth K. Lewis #1 Pettigrew Comm. 3341'. 11-3-76. Goldengate Consol.
- 33-2S-9E, SW NE SE. Republic Oil Co. #1 Jeffers. 3422'. 10-26-76. Goldengate Consol.

WHITE COUNTY

- 31-3S-11E, NW SE NW. R. A. Harris #1 Francis Metcalf. 1897'. 11-5-76. Phillipstown Consol.
- 31-3S-14W, SW NE NE. British American Oil Prod. Co. #A-6 F. Metcalf. 1845'. 9-9-76. Phillipstown Consol.
- 25-5S-10E, NE SE NW. Herndon Drlg. Co. #W-15 Maunie Unit, formerly Continental Oil Co. #2 Glenn Brown. 2966'. 9-3-76. (Water input, formerly a producer.) Maunie North Consol.
- 25-5S-10E, SE SW SW. Herndon Drlg. Co. #7 Slemaker (Maunie Unit W-41). 3048'. 9-2-76. (Water input, formerly a producer.) Maunie North Consol.
- 26-6S-8E, SE SE NW. C & E Oil Co. #1 Hughes-Pyle Comm. 3702'. 10-14-76. Roland Consol.
- 11-6S-9E, 380'NL, 330'EL, NW SW. Jim Haley Prod. Co. #1 Richard Stotts. 2750'. 10-11-76. Storms Consol.
- 2-7S-8E, NW NW SE. Humble Oil & Refining Co. #17 Roland Unit Area I, formerly #13 W. A. Hamilton. 2948'. 10-6-76. (Water input, formerly a producer.) Roland Consol.
- 11-7S-8E, SW NE NW. Humble Oil & Refining Co. #34 Roland Unit-Area I, formerly #8 W. W. Fuller. 2909'. 10-7-76. (Water input, formerly a dual purpose: water input and producer.) Roland Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
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ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

THE LIBRARY OF THE
JAN 26 1977
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DISCOVERIES

New Fields

None

New Pay Zones in Fields

ALBION WEST. Edwards County, 9-3S-10E, O'hara at 3222'. Discovery well,
M.V. Ring #1 H. Hoover, IP 30 BOP.

BROWNS SOUTH. Edwards County, 9-2S-14W, O'hara at 3016'. Discovery well,
R.A. Messman #3 R.A. Messman, oil well (IP not available).

BRAUBAKER. Marion County, 30-3N-3E, St. Louis at 2543'. Discovery well,
Kenneth E. Beman #5 Foster, IP 4 BOP, 18 BW.

GARDS POINT CONSOLIDATED. Wabash County, 15-1N-14W, McClosky at 2905'.
Discovery well, Louis A. Pessina #1 Clodfelter et al. Comm,
IP 5 BOP.

MAIN CONSOLIDATED. Crawford County, 35-6N-13W, Trenton at 3882'. Discovery well,
Lamar Prop. #1-A A. J. Simpson, IP 270 BOP.

MT. CARMEL. Wabash County, 9-1S-12W, Devonian at 3908'. Discovery well,
Southern Triangle Oil Co. #D-2 J. Zimmerman, IP 2 BO, 60 BW.

Extensions to Fields

ALBION WEST. Edwards County, 9-3S-10E, O'hara at 3222'. Discovery well,
M.V. Ring #1 H. Hoover, IP 30 BOP.

CALHOUN CONSOLIDATED. Richland County, 32-3N-10E, Salem at 3818'. Discovery well,
Spartan Petro. Co. #1 Runyon et al. IP 20 BOP, 20 BW.

CARLYLE. Clinton County, 9-2N-3W, Cypress at 965'. Discovery well,
Leland Monken #1 Gregory Buss, IP 4 BOP, 6 BW.

KENNSBURG SOUTH. Wabash County, 22-2S-13W, Salem at 3192'. Discovery well,
Andy G. Hocking #1 Kieffer-Waddle Comm. (OWDD, was D&A),
IP 10 BOP, 5 BW.

STUBBLEFIELD SOUTH. Bond County, 11-4N-4W, Devonian at 2194'. Discovery well,
Dolphin Operating Co., Inc. #1 McCasland-Doll-Plocher Unit,
IP 192 BOF.

TABLE I

New Pools Discovered from January 1976 through December 1976

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|---------------------|------|------|--------------------|------|------|
| <u>January 1976</u> | | | <u>July</u> | | |
| Oconee: | | | None | | |
| Shelby | 10N | 1E | | | |
| <u>February</u> | | | <u>August</u> | | |
| Harristown S: | | | Enfield North: | | |
| Macon | 16N | 1E | White County | 5S | 8E |
| <u>March</u> | | | <u>September</u> | | |
| None | | | None | | |
| <u>April</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| None | | | Ferrin: | | |
| | | | Clinton County | 2N | 1W |
| <u>June</u> | | | <u>December</u> | | |
| Hadley: | | | Springerton South: | | |
| Richland | 4N | 14W | White County | 4S | 8E |
| Kell North: | | | | | |
| Marion | 1N | 3E | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | | New Dry Holes | | | Production in | |
|--|-------------|------|---------------------|--------------------|-------------|---------------|-----|-----------------|----------------------|--------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels | |
| | Field | Ext. | | | | Near | Far | | | |
| 1975 | | | | | | | | | | |
| Jan. | 22 | 0 | 2 | 20 | 4 | 10 | 1 | 1 | 32 | 2,273 |
| Feb. | 23(1) | 0 | 2 | 23(1) | 2 | 17 | 10 | 14 | 65 | 1,946 |
| Mar. | 20 | 0 | 1 | 20 | 1 | 10 | 4 | 6 | 40 | 2,157 |
| Apr. | 18 | 0 | 1 | 16 | 3 | 16 | 3 | 8 | 43 | 2,258 |
| May | 22 | 0 | 1 | 21 | 2 | 16 | 10 | 10 | 57 | 2,258 |
| June | 27 | 1 | 0 | 24 | 4 | 24 | 7 | 11 | 66 | 2,176 |
| July | 33 | 0 | 1 | 30 | 4 | 16 | 5 | 2 | 53 | 2,155 |
| Aug. | 36 | 0 | 2 | 36 | 2 | 20 | 8 | 4 | 68 | 2,177 |
| Sept. | 58(1) | 0 | 3 | 57(1) | 4 | 24 | 11 | 10 | 103 | 2,170 |
| Oct. | 41 | 0 | 2 | 42 | 1 | 39 | 9 | 10 | 100 | 2,248 |
| Nov. | 60(1) | 0 | 2 | 54(1) | 7(1) | 34 | 6 | 7 | 102 | 2,032 |
| Dec. | 95(1) | 0 | 1 | 90(1) | 6 | 50 | 23 | 18 | 182 | 2,216 |
| | 455(4) | 1 | 18 | 433(4) | 40(1) | 276 | 97 | 101 | 911 | 26,066 |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(7) | 1 | 0 | 48(7) | 0 | 19 | 7 | 4 | 85 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 48 | 1 | 3 | 49 | 3 | 29 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,285 |
| Nov. | 53(1) | 2 | 2 | 56(1) | 1 | 22 | 7 | 4 | 90 | 2,212 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 59 | 15 | 9 | 163 | 2,285 |
| | 740(12) | 7 | 19 | 721(12) | 45 | 350 | 97 | 79 | 1259 | 26,438 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1976 are from reports received directly from crude gathering companies. The figures for October, November and December 1976 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, December 1976

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|-------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions | | |
| | | | Prod. | D&A | | | Prod. | Others | |
| Adams | - | 1 | - | 1 | - | - | - | - | - |
| Bond | 2 | 4 | 3 | 1 | - | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | 1 | 1 | - | - | - | - | 1 | - | - |
| Clark | 10 | 2 | 1 | 1 | - | - | - | - | - |
| Clay | 10 | 12 | 7 | 2 | 2 | - | - | 1 | - |
| Clinton | 4 | 3 | - | 2 | 1 | - | - | - | - |
| Coles | 1 | 3 | 2 | - | - | - | 1 | - | 2 |
| Crawford | 52 | 13 | 10 | 2 | - | - | - | 1 | - |
| Cumberland | - | 1 | - | 1 | - | - | - | - | - |
| Douglas | - | 2 | - | 2 | - | - | - | - | - |
| Edgar | - | 1 | - | 1 | - | - | - | - | - |
| Edwards | 3 | 8 | 5 | 1 | 2 | - | - | - | - |
| Effingham | 4 | 3 | 1 | 1 | - | 1 | - | - | - |
| Fayette | 4 | 13 | 11 | - | 2 | - | - | - | - |
| Franklin | 9 | 4 | 1 | 1 | 1 | - | 1 | - | - |
| Gallatin | 2 | 4 | 1 | 2 | - | - | 1 | - | - |
| Hamilton | 4 | 2 | - | 1 | - | - | 1 | - | - |
| Hancock | - | 1 | - | 1 | - | - | - | - | - |
| Jackson | 1 | 1 | - | 1 | - | - | - | - | - |
| Jasper | 1 | 5 | 3 | 1 | 1 | - | - | - | - |
| Jefferson | 3 | 1 | 1 | - | - | - | - | - | - |
| Lawrence | 7 | 9 | 4 | 5 | - | - | - | - | - |
| McDonough | 1 | - | - | - | - | - | - | - | - |
| Macon | 1 | 1 | - | 1 | - | - | - | - | - |
| Madison | 1 | 1 | - | 1 | - | - | - | - | - |
| Marion | 4 | 6 | 1 | 4 | - | - | 1 | - | - |
| Monroe | 1 | 2 | 1 | - | - | 1 | - | - | - |
| Montgomery | 1 | 1 | - | 1 | - | - | - | - | - |
| Perry | 1 | 1 | - | 1 | - | - | - | - | - |
| Randolph | 1 | 1 | - | 1 | - | - | - | - | - |
| Richland | 2 | 6 | 2 | 2 | - | - | 2 | - | - |
| St. Clair | 1 | - | - | - | - | - | - | - | - |
| Saline | - | 2 | 1 | 1 | - | - | - | - | - |
| Sangamon | 1 | 4 | 2 | 2 | - | - | - | - | - |
| Schuyler | - | 1 | - | 1 | - | - | - | - | - |
| Shelby | 1 | 1 | - | 1 | - | - | - | - | - |
| Tazewell | 1 | - | - | - | - | - | - | - | - |
| Vermilion | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 11 | 21 | 6 | 9 | 4 | 1 | 1 | - | - |
| Washington | 5 | 3 | - | 3 | - | - | - | - | - |
| Wayne | 39 | 25 | 12 | 12 | 1 | - | - | - | - |
| White | 16 | 23 | 5 | 15 | 1 | - | 1 | 1 | - |
| Williamson | 1 | - | - | - | - | - | - | - | - |
| | 208 | 194 | 80 | 83 | 15 | 3 | 10 | 3 | 2 |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, November 24, 1976, through December 31, 1976.

TABLE IV

Drilling by Counties, Natural Gas Storage, December 1976

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | - | 2 | 2 | - | - | - |
| | <u>-</u> | <u>2</u> | <u>2</u> | <u>-</u> | <u>-</u> | <u>-</u> |

In addition to the above, 7 permits were issued for structure tests and 33 structure tests were completed in Illinois in connection with natural gas storage.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, November 24, 1976, through December 31, 1976.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contain records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

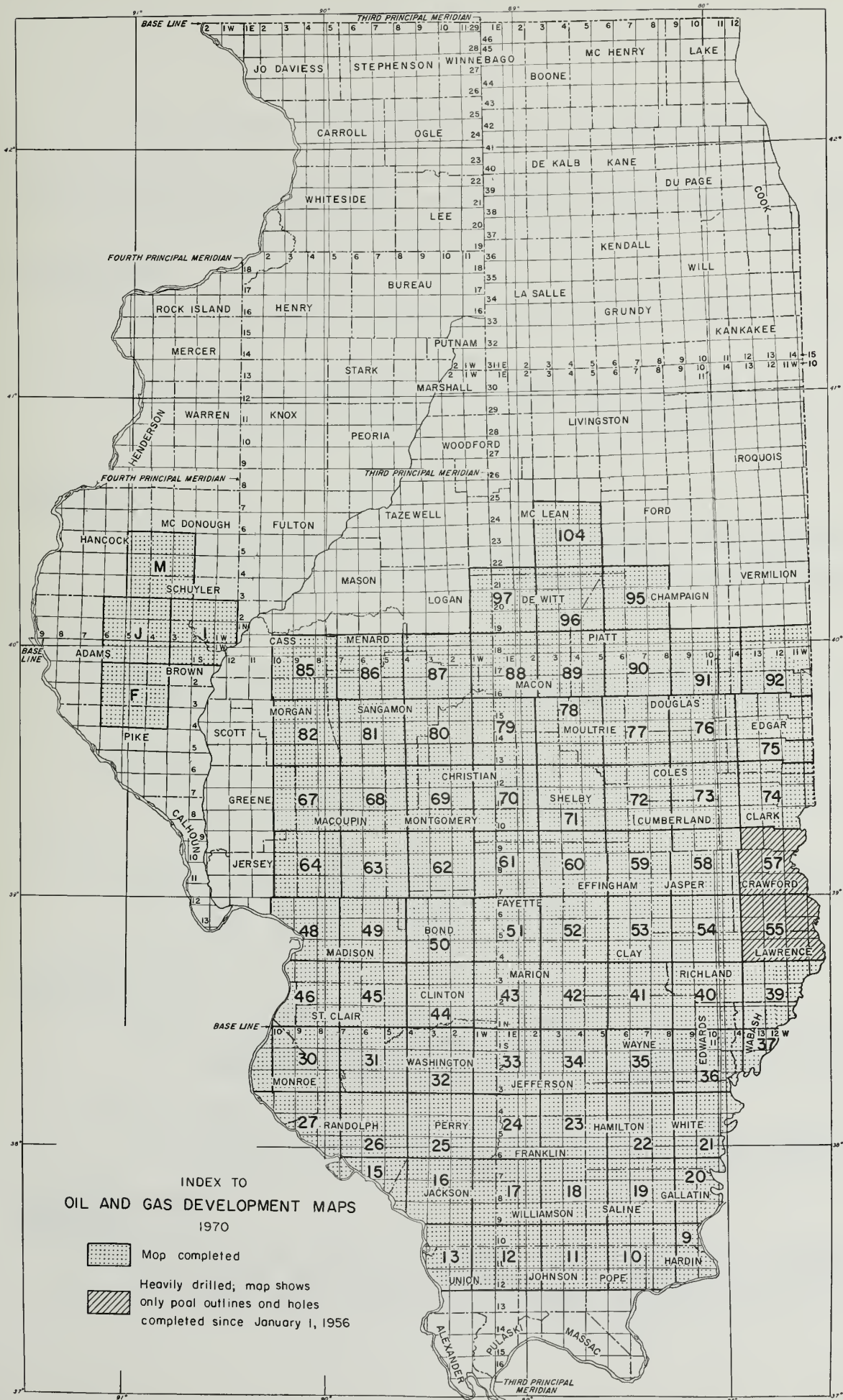
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1975, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM NOVEMBER 27, 1976 TO DECEMBER 31, 1976

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2N, 5W

19, NW SW NW. Alfred A. Albers #1 Alfred Albers. Abd. loc. WF.

2S, 5W

12, approx. 351'SL, 351'EL, NW NW. Claude McElvain #3-A Doole. Spd. 9-28-76. Comp. 10-20-76. TD 656'. D&A. Maquoketa, top 655'. Kellerville.

BOND COUNTY

4N, 4W

11, SE SE NE. Dolphin Operating Co., Inc. #1 McCasland-Doll-Plocher Unit. Spd. 9-8-76. Comp. 11-4-76. TD 2219'. IP 192 BOF. Devonian, top 2194', nat. EXTENSION TO STUBBLEFIELD SOUTH FIELD.

5N, 4W

21, 362'NL, 104'EL, NE. Sam Parker #7 Parker. Spd. 11-11-76. Comp. 12-9-76. TD 658'. IP 2 BOP/1 BW. Pennsylvanian, top 650', frac. Old Ripley.

22, 553'NL, 224'WL, NW. Sam Parker Oil Co. #5 Sam Parker. Spd. 10-10-76. Comp. 11-15-76. TD 638'. IP 3 BOP/0 BW. Pennsylvanian, top 628', frac. Old Ripley.

7N, 2W

34, 330'NL, 790'EL, SW SW. Homeier Oil Ent., Inc. #2-T Blankenship. Spd. 6-23-76. Comp. 6-28-76. TD 2386'. D&A. Silurian, top 2375' (approx.). Woburn Consol.

CHAMPAIGN COUNTY

21N, 7E

8, 242'SL, 3'EL, NW SE. Peoples Gas Light & Coke Co. #8 C. Williams. Spd. 7-18-76. Comp. 8-30-76. TD 4239'. Gas injection/withdrawal. Mt. Simon, top 3960'. Manlove Gas Storage Field.

30, 25'SL, 8'EL, NW NE. Peoples Gas Light & Coke Co. #1 B. Lyons. Spd. 8-16-76. Comp. 9-12-76. TD 4360'. Gas injection/withdrawal. Mt. Simon, top 4062'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

14N, 3W

35, 330'NL, 350'EL, SE SW. Joe Simpkins Oil Developments #2 Roberts. Conversion. Was Devonian producer. Comp. 8-15-76. COTD 1845'. Water input. Devonian, top 1832'. Kincaid Consol.

CLARK COUNTY

9N, 13W

- 11, SW NW SW. Barnett Oil, Inc. #1 Macey. Spd. 11-11-76. Comp. 11-22-76. TD 2707'. D&A. Devonian, top 2652'. WF.

10N, 13W

- 30, C S/2 SE SW. M. C. Milam #1 Bennett-Cummins Comm. Spd. 9-2-76. Comp. 12-7-76. TD 2852'. IP 80 BOP/40 BW. Trenton, top 2716'. Martinsville.

11N, 14W

- 2, 380'SL, 330'EL, NW SW. Knierim Oil Co. #1-A Bill Garver. Abd. loc. Westfield.

CLAY COUNTY

2N, 7E

- 2, SW SE SW. John M. Zanetis #1 Bayler. Spd. 9-13-76. Comp. 12-7-76. TD 3627'. IP 20 BOP/10 BW. Salem, top 3592', acid. Clay City Consol.

- 13, NE SE SW. John M. Zanetis #4 Gill. Spd. 10-5-76. Comp. 12-7-76. TD 3630'. IP 135 BOP. St. Louis, top 3132', acid; Salem, top 3520', acid. Clay City Consol.

- 14, NW SE SE. John M. Zanetis #2 Shelton "A". OWWO. OWDD. Was Perry Fulk #2 J. A. Broyles. Was D&A (SO). OTD 3064'. Comp. 4-17-51. Recomp. 11-9-76. DTD 3590'. IP 30 BOP. Salem, top 3556', acid. Clay City Consol.

2N, 8E

- 10, NE SW NW. Don H. Baldwin #1-A Guilford Lynn. OWWO. Was Pure Oil Co. #2 J. R. Pierce "A". Was D&A. OTD 2665'. Comp. 4-6-65. Recomp. 10-6-75. COTD 2665'. IP 5 BOP/100 BW. Cypress, top 2614'. Clay City Consol.

- 17, NW SE NW. Union Oil Co. of Calif. #2 Eugene Henderson. Spd. 10-11-76. Comp. 12-14-76. TD 3679'. IP 150 BOP/20 BW. Aux Vases, top 2930', mca; McClosky, top 2975', acid. Clay City Consol.

3N, 5E

- 35, NW NE SE. Roy Dannenberg & G. C. Beeson #3 Modlin. Abd. loc. Kenner.

3N, 7E

- 16, 380'SL, 380'EL, SW SE. Don W. Newton #2-A Neff. Spd. 10-1-76. Comp. 11-23-76. TD 2322'. IP 10 BOP/50 BW. Tar Springs, top 2318'. Sailor Springs Consol.

4N, 5E

- 15, NE SW SE. Collins Brothers Oil Co. #1 Smith-Dillman Comm. Spd. 11-3-76. Comp. 11-8-76. TD 2769'. D&A. Ste. Genevieve, top 2630' (approx.). Iola South.

CLAY COUNTY (continued)

4N, 6E

20, SE SE NW. McKinney Oil Producer, Inc. #1 Thompson. Spd. 10-3-76
Comp. 11-29-76. TD 2845'. IP 14 BOP/O BW. Spar Mountain, top
2813', acid. Louisville.

20, NE SE NW. McKinney Oil Producer, Inc. #2 Thompson. Spd. 11-2-76.
Comp. 11-13-76. TD 3550'. D&A. Warsaw, top 3496'. Louisville.

5N, 5E

2, SW SE SW. Don W. Gesell #3-SWD Reed. OWWO. Was Paul Doran #3
Reed. Was plugged Cypress producer deepened to Ohara producer
and converted to Aux Vases SWD. Comp. 7-20-76. COTD 2330'.
SWD. Cypress, top 2144'; Bethel, top 2192'. Iola
Consol.

11, 330'SL, 633'EL, NE NW. Don W. Gesell #1 Pagel. OWWO. Was David
F. Herley #1 Pagel. Was plugged Aux Vases and McClosky producer.
OTD 2462'. Comp. 2-19-74. Recomp. 7-25-76. COTD 2462'.
IP 2 BOP/30 BW. Aux Vases, top 2354'; McClosky, top
2443'. Iola Consol.

11, NW NE NW. Don W. Gesell #1 Everett Reed. OWWO. Was David Herley
#1 Everett Reed. Was plugged Aux Vases producer. Comp. 8-22-74.
Recomp. 8-15-76. COTD 2371'. IP 1.5 BOP/105 BW. Aux Vases,
top, 2357'. Iola Consol.

5N, 7E

5, 330'SL, 550'EL, NE SE. Texaco, Inc. #12 North Bible Grove Unit,
Tract #8. Spd. 11-19-76. Comp. 12-13-76. TD 2504'. IP 82 BOP/
121 BW. Cypress, top 2474', frac. Sailor Springs Consol.

Irr. 31, 330'SL, 330'WL, NW. Pleasure Oil Co., Inc. #S-1 J. Brooks.
Spd. 8-17-76. Comp. 10-1-76. TD 2877'. IP 30 BOP/20 BW.
Spar Mountain, top 2840', nat. Toliver East.

CLINTON COUNTY

2N, 2W

21, SW SE SW. C. E. Brehm Drilg. & Prod. #1-21 Hanenberger. Spd.
12-16-75. Comp. 12-22-75. TD 2869'. D&A. Silurian, top 2754'.
WN - Huey.

2N, 3W

3, SE SE NW. John F. Dunnill #1 Mathias Kluemke. Spd. 11-3-76.
Comp. 11-9-76. TD 1070'. D&A. Cypress, top 1056'. Carlyle.

9, SE NW SW. Leland Monken #1 Gregory Buss. OWWO. Was J. Blalack
#1 J. Rohr. Was D&A. OTD 1103'. Comp. 10-16-45. Recomp.
8-24-76. COTD 1103'. IP 4 BOP/6 BW. Cypress, top 965',
mca and frac. EXTENSION TO CARLYLE FIELD.

COLES COUNTY

12N, 7E

Irr. 2, 990'SL, 330'WL, SE SE. James R. Covington #3-C Oliver. Spd. 8-16-76. Comp. 10-15-76. TD 1818'. IP 80 BOP/40 BW. Cypress, top 1740', frac. Mattoon.

Irr. 2, 2310'SL, 2310'EL, SE. E. C. Reeves #4 Oliver. Conversion. Was Walter Duncan #5 Oliver. Was Spar Mountain producer converted to Spar Mountain water input. Comp. 5-1-76. COTD 1780' (approx.). IP 10 BOP/10 BW. Cypress, top 1748'. Mattoon.

10, 990'NL, 450'EL, SE. Safari Oil Co. #1-A Powell-Degler. Spd. 8-20-76. Comp. 9-15-76. TD 2016'. IP 10 BOP/10 BW. Cypress, top 1757', frac. Mattoon.

22, NE SE SE. Tom Mask #2 SWD Anna Strong. Conversion. Was T. Blake Dirickson #2 Anna Strong. Was Cypress producer. Comp. 1-1-75 (est.). COTD 1748'. SWD. Cypress, top 1740'. Mattoon.

12N, 10E

1, SE SE NE. Holmes Oil & Gas #1 Paul McDivitt. OWWO. Was Parrish & Ensminger #1 Paul McDivitt. Was abd. Pennsylvanian producer. OTD 461'. Comp. 9-30-58. Recom. 7-22-76. COTD 447'. IP 5 BOP/0 BW. Pennsylvanian, top 418'. Ashmore South.

CRAWFORD COUNTY

5N, 11W

Irr. 7, 330'NL, 330'EL, NW SE. Coy Oil, Inc. #1-A Max Hodson. Conversion. Was temp. abd. Robinson sand dry hole. Comp. 10-23-75. Recom. 10-23-75. COTD 995'. Water input. Robinson, top 948'. Main Consol.

5N, 12W

Irr. 8, 330'SL, 330'WL, NE. John E. Carlson #1 Kissling. OWWO. Was Off Set Dev. Corp. #4 E. Wesley. Was Pennsylvanian producer. OTD 1287'. Comp. 11-20-56. Recom. 10-19-76. TD 1300'. IP 10 BOP. Pennsylvanian, top 1280', frac. Main Consol.

5N, 13W

1, 380'NL, 330'WL, SW. Energy Resources of Ind., Inc. #5 Valdez. Spd. 11-9-76. Comp. 12-14-76. TD 1343'. IP 67 BOP. Pennsylvanian, top 1223'. Main Consol.

2, NW SE NW. Energy Resources of Indiana #3 Due Heirs. Abd. loc. Main Consol.

2, SE NE SE. Energy Resources of Indiana, Inc. #2 Richart Heirs. Spd. 10-25-76. Comp. 11-23-76. TD 1370'. IP 81 BOP. Basal Pennsylvanian, top 1258'. Main Consol.

CRAWFORD COUNTY (continued)

6N, 12W

- 8, 330'NL, 430'WL, NE SW. Televest Exploration, Inc. #1 N. Novosel.
Spd. 4-21-75. Comp. 8-1-75 (est.). TD 1700'. IP 5 BOP.
Aux Vases, top 1567', acid. Main Consol.

6N, 13W

- 34, NW NW SE. E. L. Whitmer, Inc. #1 Hicks. Spd. 10-30-76. Comp.
12-21-76. TD 1030'. IP 50 BOP/trace of water. Robinson, top
901', frac. Main Consol.
- 35, 400'SL, 330'WL, NE SE. Lamar Properties #1-A A. J. Shipman.
Spd. 9-25-76. Comp. 12-21-76. TD 4004'. IP 270 BOP. Trenton,
top 3882'. Main Consol. NEW PAY IN FIELD.

7N, 12W

- 3, 330'SL, 356'EL, SE SE. Mason Oil Co. #1 Harlan Newlin. Spd.
10-19-76. Comp. 11-5-76. TD 1090'. IP 25 BOP/120 BW.
Robinson, top 1040', frac. Main Consol.
- 10, 480'SL, 330'EL, NE. Noble O. Correll #1 Noble O. Correll (Fee).
Spd. 8-27-76. Comp. 9-10-76. TD 1008'. IP 1 BOP/25 BW.
Robinson, top 996' (est.), nat. Main Consol.
- 19, 662'SL, 660'WL, SE. Jack Grynberg #1 Walters. Spd. 8-10-76.
Comp. 8-28-76. TD 3000'. D&A. Devonian, top 2890' (approx.).
Main Consol.
- 30, 350'NL, 330'WL, NE. Jack J. Grynberg #1 James S. Kirk. Spd.
1-1-76. Comp. 1-30-76. TD 3000'. Oil well, IP not available.
Devonian; top 2772', acid frac. Main Consol.

7N, 14W

- Irr. 13, 1650'SL, 330'EL, NE. Rabbit Oil Co. #1-A Raymond Musgrave.
Spd. 4-19-76. Comp. 5-20-76. TD 2981'. Temp. abd. Devonian,
top 2819'. Main Consol.

8N, 12W

- 32, SE SE NW. Used Oilfield Equipment #3 Clarence L. Schutte. Spd.
10-3-76. Comp. 12-7-76. TD 1051'. IP 4 BOP (est.). Robinson,
top 1008', frac. Main Consol.
- 32, NE SE NW. Used Oilfield Equipment #4 Clarence L. Schutte. Spd.
10-7-76. Comp. 12-7-76. TD 1050'. IP 4 BOP (est.). Robinson,
top 997'. Main Consol.

CUMBERLAND COUNTY

10N, 10E

- 12, NW NW NE. Marathon Oil Co. 12P5 S. S. Yanaway. Spd. 11-23-76.
Comp. 11-28-76. TD 687'. D&A. Lower Siggins, top 640' (approx.).
Siggins.

DOUGLAS COUNTY

15N, 7E

24, NE NE SW. Elton M. Botts #1 Fitz. Spd. 6-17-76. Comp. 6-22-76.
TD 1710'. D&A. Spar Mountain, top 1670' (approx.). Bourbon
Consol.

24, 990'NL, 760'WL, NW. Elton M. Botts #M-2 Jones. Spd. 10-17-76.
Comp. 10-21-76. TD 1738'. D&A. Fredonia, top 1687'. Bourbon
Consol.

EDGAR COUNTY

12N, 14W

14, NE NE NW. Earnest Zink #3 Wheeler. Spd. 8-3-76. Comp. 10-11-76.
TD 440'. D&A. Pennsylvanian, top 435'. Inclose.

EDWARDS COUNTY

1N, 10E

Irr. 5, 330'SL, 330'WL, NE NW. Viking Oil Co. #1 Harold Cullers.
Spd. 11-16-76. Comp. 11-27-76. TD 4016'. D&A. Salem, top
3637'. WN - Maple Grove Consol.

Irr. 7, 1650'SL, 330'WL, SW. R. Michael Harris #1 N. R. Van Schoick.
Spd. 7-11-76. Comp. 8-18-76. TD 3192'. IP 55 BOP/25 BW.
Aux Vases, top 3146', frac. Maple Grove Consol.

1S, 14W

Irr. 30, SE NE NE. Raymond A. Messman #1 Hallie Flick. OWWO. OWDD.
Was Coy Oil Co. #1 F. Flick et al. Was D&A. OTD 3235'. Comp.
12-2-52. Recomp. 11-16-76. DTD 3660'. IP 43 BOP/5 BW.
Ohara, top 3073'. Bone Gap Consol.

2S, 14W

8, NE SE NE. Raymond A. Messman #1 Frank Fieber. OWWO. OWDD. Was
Roy Pledger #1 L. Fieber. Was D&A. OTD 3069'. Comp. 8-16-55.
Recomp. 12-1-76 (est.). DTD 3670'. Oil well, IP not avail-
able. Ohara, top 3004'. Browns South.

9, SW NW SW. Raymond A. Messman #3 R. A. Messman. Spd. 10-17-76.
Comp. 12-3-76. TD 3035'. Oil well, IP not available. Ohara,
top 3016' (approx.), acid and frac. Browns South. NEW
PAY IN FIELD.

3S, 10E

9, SE NW SE. M. V. Ring #1 H. Hoover. Spd. 9-14-76. Comp. 12-7-76.
TD 3314'. IP 30 BOP. Ohara, top 3222', mca and acid. EXTENSION
TO ALBION WEST FIELD. NEW PAY IN FIELD.

3S, 11E

Irr. 7, NE NE NW. French Creek Co. #5 V. Louis Fieber "M" Lease.
Spd. 10-7-76. Comp. 10-20-76. TD 2448'. IP 170 BOP/10 HRS -
0 BW. Waltersburg, top 2398', nat. Phillipstown Consol.

EDWARDS COUNTY (continued)3S, 11E

Irr. 7, 330'NL, 330'WL, NE NW. French Creek Co. #7 V. Louis Fieber
 "M". Spd. 10-13-76. Comp. 10-26-76. TD 2469'. IP 70 BOP/0 BW.
 Waltersburg, top 2425', nat. Phillipstown Consol.

EFFINGHAM COUNTY6N, 6E

24, SW NW NW. Don W. Newton #2 Van Dyke. Spd. 9-29-76 (est.). Comp.
 10-13-76. TD 2474'. SWD. Cypress, top 2472'. Eberle.

8N, 4E

Irr. 7, 330'NL, 330'WL, SE SW. M. L. Niemeyer #1 David Reed. Spd.
 10-30-76. Comp. 11-25-76. TD 1727'. IP 25 BOP/140 BW. Cypress,
 top 1579', frac. Louden.

9N, 6E

35, SW SW NE. William Masters #1 Tegeler. Spd. 12-18-76. Comp.
 12-24-76. TD 2477'. D&A. Ste. Genevieve, top 2406' (approx.).
 WN - Lillyville.

FAYETTE COUNTY8N, 3E

2, SW NE SE. W. L. Belden #2 Cornelia. OWWO. Was Fayette Co. Oil
 & Gas Producers #1 White. Was D&A. OTD 1622'. Comp. 2-27-76.
 Recom. 3-24-76. COTD 1610'. IP 2 BOP/100 BW. Bethel,
 top 1573'. Louden.

2, NE NE SE. W. L. Belden #3 Cornelia. OWWO. Was Fayette Co. Oil
 & Gas Producers #2 White. Was D&A. OTD 1618'. Comp. 2-27-76.
 Recom. 11-20-76. COTD 1618'. IP 4 BOP/116 BW. Cypress,
 top 1511'; Bethel, top 1586'. Louden.

24, 601'NL, 405'EL, SW NW. N. A. Baldridge #3 Purtillar School.
 Spd. 6-11-76. Comp. 7-10-76 (est.). TD 1654'. IP 2 BOP/30 BW.
 Cypress, top 1506'. Louden.

35, C E/2 SW SW. M. L. Niemeyer #1 Mills. Spd. 7-3-76. Comp.
 10-18-76. TD 1810'. IP 5 BOP/280 BW. Cypress, top 1564',
 frac. Louden.

9N, 3E

26, 330'SL, 380'EL, SE. W. L. Belden #1 St. Pierre-Wills Unit.
 OWWO. OWDD. Was Tom E. Grace #1 Wills-St. Pierre Unit. Was
 D&A. OTD 1566'. Comp. 9-25-67. Recom. 9-19-76. DTD
 1806'. D&A. McClosky, top 1750'. Louden.

35, SE SW NW. Lowell Redman #5 Anderson. Spd. 9-4-76. Comp.
 11-15-76. TD 1843'. IP 8 BOP/75 BW. Cypress, top 1535', frac.
 Louden.

35, SW SW NW. Lowell Redman #6 Anderson. Spd. 10-14-76. Comp.
 10-26-76. TD 1867'. IP 10 BOP/70 BW. Cypress, top 1555', frac.
 Louden.

FAYETTE COUNTY (continued)

9N, 3E

- 35, SE SW SW. Exxon Corp. #1 S. & O. Buzzard. OWDD. Was Cypress producer. Comp. 3-18-41. OTD 1529'. Recomp. 10-22-76. DTD 1640'. IP 24 BOP/20 BW. Bethel, top 1557', frac. Louden.
- 35, 360'NL, 330'WL, SW SE. W. L. Belden #3-A Gordon. Spd. 4-24-76. Comp. 5-20-76 (est.). TD 1629'. Oil well, IP not available. Bethel, top 1583'; Benoist, top 1615'. Louden.
- 35, NE SW SE. W. L. Belden #5 Gordon. Spd. 4-8-76. Comp. 10-25-76. TD 1655'. IP 20 BOP/10 BW. Bethel, top 1584'; Benoist, top 1613', frac. Louden.
- 35, NW SE SE. W. L. Belden #6 Gordon. Spd. 9-13-76. Comp. 12-7-76. TD 1640'. IP 2 BOP/160 BW. Paint Creek, top 1588', frac.; Benoist, top 1620', frac. Louden.
- 35, SW SW NE. M. L. Niemeyer #2 Gerald Sloan. Spd. 3-21-76. Comp. 4-11-76. TD 1717'. IP 35 BOP/5 BW. Bethel, top 1598', frac. Louden.
- 36, SE NE SE. E. C. Reeves #2-B Miller. Spd. 9-18-76. Comp. 12-13-76. TD 1670'. IP 5 BOP/11 BW. Cypress, top 1544'; Bethel, top 1626', nat. Louden.
- 36, NW NE SE. E. C. Reeves #3-B Miller. Spd. 9-24-76. Comp. 12-14-76. TD 1693'. IP 22 BOP/15 BW. Cypress, top 1532'; Bethel, top 1640', frac. Louden.
- 36, SW NE SE. E. C. Reeves #4-B Miller. Spd. 10-26-76. Comp. 12-15-76. TD 1671'. IP 12 BOP/16 BW. Cypress, top 1511', frac.; Bethel, top 1620', frac. Louden.

FRANKLIN COUNTY

5S, 3E

- 2, SE SE NE. C. E. Brehm Drlg. & Prod. #2 Clayton Heirs. OWWO. OWDD. Was D. S. Ring #1 Clayton. Was D&A (SO). OTD 3176'. Comp. 5-29-44. Recomp. 12-14-76. TD 3970'. IP 75 BOP. Warsaw, top 3732'. Ewing East.

- 4, NE SW SE. Juniper Petroleum Corp. #67-4 Mitchell et al. Spd. 11-16-76. Comp. 12-25-76. TD 2854'. IP 31 BOP/trace of water. Aux Vases, top 2840', nat. Ewing.

5S, 4E

- 13, NW NE SE. C. E. Brehm Drlg. & Prod. #1 Carlton. Spd. 12-4-76. Comp. 12-11-76. TD 3390'. D&A. Ste. Genevieve, top 3200' (approx.). WN - Macedonia.

6S, 1E

- 2, 645'NL, 452'EL, SE SE. Joe Simpkins Oil Developments #2 Holmes. Conversion. Was Aux Vases producer. Comp. 5-7-76. COTD 2698'. Water input. Aux Vases, top 2636'. Sesser Consol.

GALLATIN COUNTY

7S, 9E

- 24, SE NE SW. Collins Brothers Oil Co. #B-1 Feehrer. Conversion. Was Aux Vases producer. Comp. 11-9-76. COTD 2931'. Water input. Aux Vases, top 2906'. Herald Consol.

7S, 10E

- 29, SW SW NW. Slagter Producing Corp. #1 Egli Heirs. Abd. loc. Herald Consol.
- 30, NW SE SE. Slagter Producing Corp. #1 Lightner et al. Minerals. Spd. 9-8-76. Comp. 9-17-76. TD 2986'. D&A. St. Louis, top 2940' (approx.). Herald Consol.

8S, 8E

- 18, NW SE SE. C. E. Brehm Drlg. & Prod. #1 McCormick. OWWO. Was Illinois Basin Oil Assoc. #1 Wm. F. McCormick et al. Was D&A. OTD 3007'. Comp. 8-14-62. Recomp. 12-9-76. COTD 3007'. D&A. McClosky, top 2946'. WN - Eldorado East.

8S, 10E

- 4, NW SE NW. George Mitchell Drlg. Co. #1 Patterson. Spd. 9-22-76. Comp. 12-14-76. TD 2885'. IP 8 BOP/20 BW. Aux Vases, top 2750'; Ohara, top 2807', acid. Inman East Consol.
- 6, 330'NL, 380'WL, NE. Joe Simpkins Oil Developments #1-A Lillis Moye. OWWO. Was Coy Oil Co. #1 L. Moye et al. Was plugged Aux Vases producer. OTD 2796'. Comp. 7-27-54. Recomp. 7-5-76. TD 2800'. IP 6 BOP/2 BW. Aux Vases, top 2784'. Inman West Consol.
- 9, NE SW NE. George Mitchell Drlg. Contractor #1 Bickett. Spd. 11-16-76. Comp. 11-21-76. TD 2876'. D&A. Ste. Genevieve, top 2780' (approx.). Inman East Consol.

HAMILTON COUNTY

4S, 7E

- 17, NE SE NW. Collins Brothers Oil Co. #1 W.S. Becker-Rose. Conversion. Was Collins Bros. #1 Becker-Rose Comm. Was Renault producer. Comp. 8-30-76. COTD 765'. WSW. Pennsylvanian, top 692'. Bungay Consol.

6S, 6E

- 28, 330'NL, 350'EL, SE NW NE. Chris Pearson Sr. #2 McCallum. Spd. 11-6-76. Comp. 11-11-76. TD 3137'. D&A. Aux Vases, top 3113' (approx.). Dale Consol.

HANCOCK COUNTY

3N, 5W

- 3, NE SW SE. James W. Bolds #1 Helen Swisegood. Spd. 11-1-76. Comp. 11-4-76. TD 670'. D&A. Maquoketa, top 640' (approx.). WF.

JACKSON COUNTY7S, 1W

25, NE SE SW. Ernest Sherman #1 Chamness. Spd. 12-1-76. Comp.
12-7-76. TD 2484'. D&A. Ste. Genevieve, top not available.
WF.

JASPER COUNTY6N, 14W

Irr. 7, 660'SL, 330'WL, SE NW. J. E. St. Pierre, Sr. #3 J. A. Eubanks.
Spd. 11-13-76. Comp. 11-29-76. TD 2697'. IP 50 BOP/0 BW.
Spar Mountain, top 2647', nat. Clay City Consol.

7N, 10E

22, NE SE SE. Wichita Industries, Inc. #1 Martin-Gregor Unit. OWWO.
OWDD. Was J. J. Lynn #1 E. Martin Consol. Was D&A. OTD 2700'.
Comp. 1-6-48. Recomp. 11-30-76. DTD 3464'. IP 18 BOP/
60 BW. McClosky, top 2696'. Clay City Consol.

7N, 11E

Irr. 30, 330'NL, 330'WL, NE. Edko Oil Properties, Inc. #1 Donna
Fitzmaurice. Spd. 5-27-76. Comp. 11-10-76. TD 2512'. IP 2 BCP/
80 BW. Spar Mountain, top 2505', mca. Clay City Consol.

Irr. 30, 330'NL, 330'EL, NW. Koch Oil Properties #1 Glen Miller.
Spd. 1-10-76. Comp. 10-15-76. TD 3808'. IP 5 BOP/150 BW.
Spar Mountain, top 2510', nat. Clay City Consol.

8N, 9E

29, NW SE NW. Hubco, Inc. #2 Groves. Spd. 6-16-76. Comp. 10-20-76.
TD 2906'. D&A (SO). McClosky, top 2882'. Gila.

29, NW NW NW. Marion F. Miller Drilling Co. #1 R. Vahling. OWWO.
Was Koons & Frank #1 R. Vahling. Was plugged combination SWD
(Aux Vases) and producer (McClosky). Comp. 8-28-73.
Recomp. 6-10-76. COTD 2856'. IP 4 BOP/120 BW.
McClosky, top 2834'. Gila.

JEFFERSON COUNTY1S, 3E

13, NW NE NE. David Herley #1 John Donoho et al. Spd. 10-4-76.
Comp. 11-5-76. TD 3230'. IP 125 BOP. Salem, top 3106', acid.
Divide Consol.

LAWRENCE COUNTY2N, 12W

4, 330'NL, 330'EL, SW SE. Herman E. Brinkley #1 Allender. OWWO.
Was W. O. Allen #1 Allender. Was D&A. OTD 2250'. Comp. 1-6-50.
Recomp. 11-10-76. COTD 2250'. D&A. McClosky, top 2185'.
WN - Ruark.

15, NW NE NE. Frances Gillespie #1 Airport. Spd. 9-10-75. Comp.
9-16-75. TD 2000'. D&A. McClosky, top 1968'. Lawrence.

LAWRENCE COUNTY (continued)3N, 12W

2, C S/2 SE NW. Black & Black Oil Co. #1 H. Kolter. Spd. 8-12-76.
Comp. 9-30-76. TD 2220'. Temp. abd. Cypress, top 1598', frac.
Lawrence.

15, 700'SL, 300'WL, SE SW. John M. Zanetis #14 W. H. Gillespie.
OWWO. OWDD. Was Ohio Oil Co. #3 G. H. Gillespie. Was plugged
Ridgley producer. OTD 1303'. Comp. not available.
Recomp. 11-16-76. DTD 1650'. IP 5 BOP/180 BW.
Tar Springs, top 1292'; Cypress, top 1580'.
Lawrence.

3N, 13W

11, NW SE NW. Heath Oil Production #1 Ernest Wheeler. Spd. 10-10-76.
Comp. 10-18-76. TD 3059'. D&A. Ullin, top 2990' (est.).
Lawrence West.

13, NW NW SE. Illinois Mid-Continent & Dee Drilling Co. #1 Leighty-
Ducommun Comm. Spd. 10-2-76. Comp. 11-21-76. TD 2205'.
IP 9 BOP/16 BW. Spar Mountain, top 2111', acid; McClosky,
top 2169', acid. Lawrence.

14, 330'SL, 940'WL, NW NE. Reinhold Oil Producers #3-B Johnston.
Spd. 10-23-76. Comp. 11-3-76. TD 2084'. IP 75 BOP/40 BW.
Bethel, top 2044', frac. Lawrence West.

4N, 10W

Irr. 19, 330'NL, 330'WL, SE SE. Schlensker Drilling Corp. #1 Rosa
Gerhart. Spd. 10-21-76. Comp. 10-29-76. TD 2200'. D&A.
Ullin, top 2185' (approx.). WN - Russellville.

4N, 12W

29, SW NW NW. Marathon Oil Co. #67 W. R. Crackle A/C 1. Spd.
4-20-76. Comp. 8-16-76. TD 1370'. IP 38 BOP/358 BW. Bridge-
port, top 904', frac.; Cypress, top 1282', frac. Lawrence.

30, 566'NL, 660'WL, SE NE. Marathon Oil Co. #69 W. R. Crackle A/C 1.
Spd. 3-23-76. Comp. 5-6-76. TD 2315'. IP 48 BOP/373 BW.
Salem, top 1952', acid frac. Lawrence.

35, NE SE NW. Theodore Bunyan #2 Theodore Bunyan. Spd. 11-17-76.
Comp. 11-20-76. TD 1678'. D&A. Cypress, top 1604'. Lawrence.

4N, 13W

Irr. 1, 560'SL, 25'WL, NE SW. Wayne Smith, Operator, Inc. #035 A. C.
Droll et al. Abd. loc. Lawrence.

MACON COUNTY15N, 1E

6, SE NW SE. Comanche Oil Corp. #1 Heerdt. Spd. 11-29-76. Comp.
12-2-76. TD 1950'. D&A. Silurian, top 1927'. Blackland.

MADISON COUNTY

6N, 6W

- 22, SW NE SW. John T. Mitchell #1-A Sievers. Spd. 12-6-76. Comp. 12-20-76. TD 600'. D&A. Pennsylvanian, top 580' (approx.).
Livingston South.

MARION COUNTY

1N, 1E

- 2, 990'SL, 510'EL, NW SW. Peter S. Smalley #1 Dunbar-Meyer Comm. Spd. 11-11-76. Comp. 11-21-76. TD 3403'. D&A. Devonian, top 3368' (approx.). Raccoon Lake.
- 34, C N/2 SW SW. Joe A. Dull #1 Clements Heirs. Spd. 11-9-76. Comp. 11-20-76. TD 3809'. D&A. Devonian, top 3750' (approx.).
WF.

2N, 2E

- 20, 206'NL, 547'EL, SW NE. Texaco, Inc. #20 W. B. Young, O/A Salem Unit, Tract 30. Conversion. Was Magnolia Petroleum Co. #20 W. B. Young. Was McClosky producer deepened to Salem producer. Comp. 12-9-76. COTD 2270'. Water input. Salem, top 2183'. Salem Consol.

2N, 4E

- 30, NE NE SW. Orion Energy Corp. #1 Becker. Spd. 12-9-76. Comp. 12-15-76. TD 2840'. D&A. St. Louis, top 2835' (approx.).
WN - Iuka South.

3N, 3E

- Irr. 30, 330'SL, 330'EL, SE NW SE. Kenneth E. Beeman #5 Foster. Spd. 8-4-74. Comp. 9-6-74. TD 2589'. IP 4 BOP/18 BW. St. Louis, top 2543', acid and frac. Brubaker. NEW PAY IN FIELD.
- Irr. 31, 330'SL, 330'EL, NE. Perry Fulk #1 Horn. Spd. 7-15-76. Comp. 10-19-76. TD 2432'. D&A. McClosky, top 2380'. Brubaker.

MONROE COUNTY

1S, 10W

- 35, 75'SL, 302'EL, NW SE SW. John W. Kelly #2 Theobald. Spd. 9-2-76. Comp. 9-22-76. TD 386'. IP 40 BOP/8 BW. Trenton, top 370', nat. Waterloo.
- 35, SE NW SW. John W. Kelly #4 Theobald. Spd. 10-28-76. Comp. 11-1-76. TD 520'. Water input. Trenton, top 405'. Waterloo.

MONTGOMERY COUNTY

8N, 5W

- 11, SE SW NW. Crossroads Oil, Inc. #1 Wayne Heyen. Spd. 11-29-76. Comp. 12-1-76. TD 683'. D&A. Pennsylvanian, top 673'. WN - Litchfield.

PERRY COUNTY

4S, 1W

- 3, SW NE NW. Charles P. Wood #1 Lavada-Mydler. Spd. 12-20-76. Comp. 12-22-76. TD 1375'. D&A. Benoist, top 1353'. WN - Dubois Central.

RANDOLPH COUNTY

5S, 5W

- 4, 330'SL, 450'EL, SW SE. Crest Oil Co., Inc. #1 Illinois Power Co. Spd. 12-1-76. Comp. 12-11-76. TD 2363'. D&A. Silurian, top 2300' (approx.). Eden Gas.

RICHLAND COUNTY

3N, 9E

- 4, 652'SL, 330'WL, NE. Union Oil Co. of Calif. #13 John O. Coen, Colborn Cons. Conversion. Was Cypress producer. Comp. 11-17-76. COTD 2990'. Water input. McClosky, top 2972'. Clay City Consol.
- 5, 341'NL, 660'EL, NE. Union Oil Co. of Calif. #A-1 Elizabeth Pflaum, Colborn Cons. Conversion. Was McClosky producer. Comp. 11-17-76. COTD 2899'. Water input. Aux Vases, top 2862'. Clay City Consol.

3N, 10E

- 32, 400'NL, 330'WL, SW SE. Spartan Petro. Co. #1 Runyon et al. Spd. 10-1-76. Comp. 11-7-76. TD 3965'. IP 20 BOP/20 BW. Salem, top 3818', acid. EXTENSION TO CALHOUN CONSOL.

4N, 14W

- 26, C S/2 SW NW. Andy G. Hocking #1 Kocher et al. Spd. 9-22-76. Comp. 11-15-76. TD 3015'. IP 20 BOP. Spar Mountain, top 2954', acid and frac. Hadley.
- 27, NE SW SE. Gary K. Tussey #1 D. Kuenstler. Spd. 8-6-76. Comp. 8-12-76. TD 3106'. D&A. St. Louis, top 3082'. Hadley.
- 35, NW SE NW. Lee Martin #1 Shafer. Spd. 6-10-76. Comp. 6-17-76. TD 3050'. D&A. Fredonia, top 2980' (approx.). Hadley.

SALINE COUNTY

8S, 5E

- 26, NW NE SE. Duke Resources Corp. #2-A Reynolds. Spd. 6-6-76. Comp. 10-26-76. TD 2900'. IP 32 BOP/5 BW. Cypress, top 2560', frac. Harco East.
- 33, 330'NL, 150'WL, SE NW NW. Santoro Oil Co., Inc. #2 Ralph L. Owen et al. Spd. 10-14-76. Comp. 10-22-76. TD 3020'. D&A. Ste. Genevieve, top 2980' (approx.). Harco.

SANGAMON COUNTY

15N, 2W

- Irr. 5, 330'SL, 990'WL, SW. John Carey Oil Co., Inc. #1 F. P. Downing. Spd. 9-24-76. Comp. 9-28-76. TD 1792'. D&A. Silurian, top 1758'. Roby East.

SANGAMON COUNTY (continued)15N, 2W

Irr. 7, 990'NL, 990'EL, NE. John Carey Oil Co. #1B Allspach. Spd. 7-18-76. Comp. 10-1-76. TD 1775'. IP 117 BOP/0 BW. Silurian, top 1750', acid and acid frac. Roby East.

Irr. 7, 990'NL, 1650'EL, NE. John Carey Oil Co. #2-C Gary Hawk. Spd. 9-18-76. Comp. 10-24-76. TD 1775'. IP 214 BOP/500 BW. Silurian, top 1746', acid and frac. Roby East.

Irr. 7, 940'SL, 2132'WL, NW. Homeier Oil Enterprises, Inc. #4 Gerald Moomey. Spd. 10-15-76. Comp. 10-23-76. TD 1773'. D&A. Silurian, top 1764' (approx.). Roby East.

SCHUYLER COUNTY2N, 2W

17, SW SE SE. Gilbert Shaw #2 Young. Spd. 5-10-75. Comp. 6-10-75. TD 576'. D&A. Silurian, top 550' (approx.). Rushville Northwest.

SHELBY COUNTY9N, 4E

4, NW NW SW. Patrick Petroleum Corp. #1 Yakey. Spd. 12-19-75. Comp. 12-29-75. TD 3400'. D&A. Silurian, top 3308'. WF.

VERMILION COUNTY18N, 14W

13, SE NE NW. W. A. Corley #1 Frank Smith. Spd. 9-7-76. Comp. 9-10-76. TD 1464'. D&A. Devonian, top 1361'. WF.

WABASH COUNTY1N, 11W

Irr. 17, 990'SL, 330'WL, SE NW. Southern Triangle Oil Co. #1 Charles Levings. Spd. 11-3-76. Comp. 11-12-76. TD 2600'. D&A. Salem, top 2528'. Allendale.

1N, 12W

9, NE NW SE. Charles E. Carr #J-30 Sarah McMillen. Spd. 7-22-76. Comp. 10-4-76. TD 2318'. IP 10 BOP/30 BW. Ohara, top 2264', frac.; McClosky, top 2290', frac. Allendale.

Irr. 13, 660'NL, 330'WL, NW. Gilbert A. Higgins #1 Glenn Kepley. Spd. 12-6-76. Comp. 12-9-76. TD 1557'. D&A. Biehl, top 1500' (approx.). Allendale.

14, 300'SL, 990'EL, NE. Bernard Beuligmann & Kieffer Brothers #1 Price et al. Comm. OWWO. Was D&A. OTD 2305'. Comp. 5-17-76. Recom. 12-1-76 (est.). COTD 2303'. IP 3 BOP/30 BW. McClosky, top 2294', frac. Allendale.

24, NW SW NE. Whiteside Oil Co. #2 John Marcotte. OWWO. OWDD. Was C. Keneipp #1-A Macotte. Was Bridgeport producer. OTD 1118'. Comp. 6-24-47. Plugged 5-3-59. Recom. 12-7-76. DTD 1505'. IP 8 BOP/12 BW. Biehl, top 1462'. Allendale.

WABASH COUNTY (continued)

1N, 12W

- 24, 1440'NL, 660'EL, NW. Whiteside Oil Co. #1 Clarence Partee. Spd. 4-6-76. Comp. 4-29-76. TD 1520'. IP 28 BOP. Biehl, top 1467', acid and frac. Allendale.
- 28, SE NE NW. C. S. Taylor #1 Rudy Christy. Spd. 11-23-76. Comp. 11-30-76. TD 2356'. D&A. Ste. Genevieve, top 2291'. Allendale.
- Irr. 30, 330'SL, 380'WL, SE SE. Jack E. Small #2 Robert Steckler. Spd. 12-9-76. Comp. 12-13-76. TD 1535'. D&A. Biehl, top 1470' (approx.). Allendale.

1N, 13W

- 9, 330'NL, 505'WL, SW NE. Gilbert A. Higgins #1 C. S. Higgins. Spd. 11-30-76. Comp. 12-5-76. TD 2763'. D&A. Ste. Genevieve, top 2536' (approx.). Lancaster.
- 16, SE NE SW. Spartan Petroleum Co. #1 Kieffer-Litherland Unit. Spd. 10-26-76. Comp. 12-7-76. TD 2553'. D&A. Benoist, top 2545'. Lancaster South.

1N, 14W

- 15, SE SE NE. Louis A. Pessina #1 Clodfelter et al. Comm. Spd. 8-21-76. Comp. 12-7-76. TD 3730'. IP 5 BOP/some water. McClosky, top 2905', acid and frac. Gards Point Consol. NEW PAY IN FIELD.

2N, 12W

- 35, NW SW SE. Ill. Mid-Continent & Dee Drlg. Co. #2 Springman. OWWO. Was D&A. OTD 2003'. Comp. 4-19-55. Recom. 11-16-76. COTD 2003'. IP 15 BOP/15 BW. Cypress, top 1501' (approx.). Allendale.

2N, 13W

- 35, NE SW SW. Raymond A. Messman #1 Mary Moore. Spd. 9-27-76. Comp. 10-4-76. TD 2728'. D&A. McClosky, top 2680'. WN - Lancaster East.

1S, 12W

- Irr. 6, 330'SL, 330'EL, NW SW. Viking Oil Co. #1 Stephen Trapp. Spd. 11-11-76. Comp. 11-14-76. TD 1697'. D&A. Biehl, top 1534'. Mt. Carmel.
- 9, 330'SL, 1562'EL, NE. Southern Triangle Oil Co. #6 Jacob Zimmerman. Spd. 9-7-76. Comp. 11-16-76. TD 2830'. IP 15 BOP/trace of water. Salem, top 2770', mca and frac. Mt. Carmel.
- 9, 330'SL, 418'WL, SE NE. Southern Triangle Oil Co. #D-2 Jacob Zimmerman. Spd. 6-28-76. Comp. 12-21-76. TD 4165'. IP 2 BOP/60 BW. Devonian, top 3908'. Mt. Carmel. NEW PAY IN FIELD.
- Irr. 16, 50'SL, 1691'WL, SW. Southern Triangle Oil Co. #W-1 Couch. Spd. 8-4-75. Comp. 9-1-75 (est.). TD 1980'. Water input. Cypress, top 1972'. Mt. Carmel.

WABASH COUNTY (continued)1S, 13W

Irr. 13, 975'SL, 330'WL, SE. Spartan Petro. Co. #1 Lennert et al. Unit. Spd. 8-20-76. Comp. 11-23-76. TD 3165'. IP 40 BOP/20 BW. Aux Vases, top 2490', mca; Salem, top 2926', acid and frac. New Harmony Consol.

Irr. 14, 330'NL, 330'EL, NW SE. Spartan Petroleum Co. #3 Raymond Haase et al. OWWO. OWDD. Was C. U. Bay #3 Hochgeiger. Was D&A. OTD 2266'. Comp. 8-17-43. Recom. 11-23-76. DTD 2576'. IP 70 BOP. Ohara, top 2546', mca and acid. New Harmony Consol.

31, NW SE SE. Francis L. Beard #1 Bosecker-Alka Unit. Spd. 8-21-76. Comp. 12-21-76. TD 3485'. D&A. Salem, top 3275'. New Harmony Consol.

2S, 13W

22, NE SW SW. Andy G. Hocking #1 Kieffer-Waddle Comm. OWWO. OWDD. Was H. E. Cochran #1 Kieffer Comm. Was D&A. OTD 2447'. Comp. 6-8-54. Recom. 12-3-76. DTD 3365'. IP 10 BOP/5 BW. Salem, top 3192', acid. EXTENSION TO KEENSBURG SOUTH.

29, SE NE NW. Gilbert A. Higgins #3-WI J. Robert Schrodtt. Conversion. Was Elmo Conrady #3 Robert Schrodtt. Was Biehl producer. Comp. 7-10-76. COTD 1745'. Water input. Biehl, top 1734'. New Harmony Consol.

WASHINGTON COUNTY1S, 3W

16, NW SW NW. James H. Donnewald #1 Jacobs. Spd. 11-29-76. Comp. 11-30-76. TD 1423'. D&A. Ste. Genevieve, top 1380' (approx.). WF.

2S, 1W

9, NW NE SE. Cecil W. Newcomb #1 Ralph Schnake. Spd. 12-18-76. Comp. 12-23-76. TD 1642'. D&A. Downeys Bluff, top 1624' (approx.). WN - Richview.

3S, 5W

23, 400'SL, 825'WL, NW NW. James H. Donnewald #1 Johnson. Spd. 6-22-76. Comp. 6-29-76. TD 2520'. D&A. Silurian, top 2311'. WF.

WAYNE COUNTY1N, 6E

22, C E/2 SE SE. Fletcher F. Farrar #1 Edna Schell Comm. OWWO. OWDD. Was Nation Oil Co. #1 Cisne State Bank. Was D&A. OTD 3190'. Comp. 10-18-55. Recom. 12-22-76. TD 4035'. D&A. Ullin, top 3975' (approx.). Johnsonville Consol.

WAYNE COUNTY (continued)1N, 7E

- 26, SE NE NE. Black and Black Oil Co. #1 W. Billington. Spd. 11-26-76. Comp. 12-5-76. TD 3179'. D&A. Ste. Genevieve, top 3132'. Clay City Consol.
- 35, SW NE SE. Perry Fulk #1 H. Barnard. Spd. 10-19-76. Comp. 11-19-76. TD 3164'. IP 15 BOP/20 BW. Aux Vases, top 3051', frac.; McClosky, top 3148', nat. Clay City Consol.
- 35, SW NW SE. Richard W. Beeson #1 H. Hawk. Spd. 10-11-76. Comp. 11-30-76. TD 3144'. IP 79 BOP/60 BW. Aux Vases, top 3028', frac. Clay City Consol.
- 35, C S/2 NE NW. Perry Fulk #1 Laird. Spd. 9-27-76. Comp. 10-20-76. TD 3130'. IP 4 BOP/120 BW. Aux Vases, top 3017', mca and frac. Clay City Consol.

1N, 8E

- 9, 950'SL, 430'EL, SW. Modern Explorations #1 L. E. Obrecht. Spd. 4-26-76. Comp. 5-3-76. TD 3793'. D&A. Salem, top 3400'. Clay City Consol.
- 21, NW NE NE. Hagen Oil Co. #1 Fildes. Spd. 6-28-76. Comp. 8-1-76 (est.). TD 3758'. IP 250 BOP & F. Salem, top 3610', nat. Clay City Consol.

1N, 9E

- 13, SW NE NW. Triple "B" Oil Prod., Inc. #8 F. Hubble. Spd. 5-4-76. Comp. 11-20-76. TD 3173'. Temp. abd. Aux Vases, top 3158'. Maple Grove Consol.
- 22, SW SE SE. Energy Resources Corp. #2 Bennett. Spd. 6-8-76. Comp. 11-1-76. TD 4086'. IP 25 BOP/150 BW. Spar Mountain, top 3308', acid; Salem, top 3742', acid. Maple Grove Consol.
- 22, SW SE NW. Juniper Petroleum Corp. #34-22 Massie Comm. Spd. 11-26-76. Comp. 12-8-76. TD 4105'. D&A. Ullin, top 4075' (approx.). Maple Grove Consol.
- 27, NE NE NW. Juniper Petroleum Corp. #41-27 Moats. Spd. 12-8-76. Comp. 12-20-76. TD 4140'. D&A. Ullin, top 4090' (approx.). Maple Grove Consol.

2N, 7E

- 24, SE NW SW. G. L. Kelley #B-3 O. Miller. OWWO. OWDD. Was Pure Oil Co. #A-2 O. Miller. Was D&A. OTD 3063'. Comp. 12-17-46. Recomp. 10-26-76. DTD 3630'. IP 28 BOP. Salem, top 3500', acid. Clay City Consol.
- 32, NE NW SE. Perry Fulk #1-A Knapp. OWWO. OWDD. Was Calvert Drlg. Co. #1 Keith. Was D&A. OTD 3242'. Comp. 7-28-53. Recomp. 9-2-76. DTD 3865'. D&A. Warsaw, top 3840'. Rinard North.

WAYNE COUNTY (continued)

2N, 8E

25, SW SE NE. Gary W. Franklin - O'Dell. OWWO. Was Hubert W. Rose
 #1 R. R. O'Dell. Was plugged Salem and Ullin producer. OTD
 3840'. Comp. 9-5-74. Recom. 4-21-76. COTD 3640'.
 IP 4.5 BOP/4 BW. Salem, top 3617'. Clay City Consol.

1S, 6E

Irr. 2, 330'SL, 330'EL, SW NE. Booth Oil Co., Inc. #1 Hale-Long
 Comm. Spd. 12-5-76. Comp. 12-12-76. TD 3850'. D&A. Salem,
 top 3570' (approx.). Johnsonville Consol.

Irr. 3, 990'SL, 330'WL, NW SW. C. E. Brehm Drlg. & Prod. #1 Lowe.
 Spd. 1-10-76. Comp. 1-20-76. TD 3957'. D&A. Ullin, top 3948'.
 Johnsonville Consol.

4, Irr. 330'SL, 330'WL, SE. C. E. Brehm Drlg. & Prod. #1 Weaver.
 Spd. 12-16-75. Comp. 12-28-75. TD 4082'. D&A. Ullin, top
 4019'. Johnsonville Consol.

Irr. 4, 330'NL, 330'WL, SE. Van Fossan Associates #1 Dwight Weaver.
 Spd. 11-9-76. Comp. 11-20-76. TD 3910'. D&A. Salem, top
 3592'. Johnsonville Consol.

11, SE SE SE. Van Fossan Associates #1 Don Riley. Spd. 10-18-76.
 Comp. 11-27-76. TD 3840'. IP 96 BOP/O BW. McClosky, top 3221',
 acid. Johnsonville South.

13, SW NW NW. Booth Oil Co., Inc. #1 M. Hilliard. Spd. 12-2-76.
 Comp. 12-11-76. TD 3826'. D&A. Salem, top 3620' (approx.).
 Johnsonville South.

13, NW NW NW. Van Fossan Assoc. #1 Fred Williams. Spd. 10-1-76.
 Comp. 10-17-76. TD 3815'. IP 85 BOP. Salem, top 3792', mca.
 Johnsonville South.

14, SE NE SW. Fletcher F. Farrar #1 Bass-Fansler Unit. Spd. 11-3-76.
 Comp. 12-7-76. TD 3796'. IP 14 BOP. McClosky, top 3153', acid.
 Johnsonville South.

14, SE NE NE. Van Fossan Assoc. #1 David Beeson et al. Spd. 9-2-76.
 Comp. 9-18-76. TD 3790'. IP 65 BOP. Salem, top 3768', mca.
 Johnsonville South.

14, NE NE NE. Booth Oil Co., Inc. #1 White. Spd. 12-2-76. Comp.
 12-16-76. TD 3810'. D&A. Salem, top 3525' (approx.).
 Johnsonville South.

22, SE NE NE. Booth Oil Co., Inc. #1 Porch. Spd. 11-14-76. Comp.
 11-20-76. TD 3801'. D&A. Salem, top 3510'. Johnsonville
 South.

23, SE NW NW. Robinson Production, Inc. #1 Fansler. Spd. 10-10-76.
 Comp. 11-30-76. TD 3792'. IP 50 BOP. McClosky, top 3139',
 acid; Salem, top 3737', mca. Johnsonville South.

WAYNE COUNTY (continued)1S, 6E

23, NW NE NE. Modern Explorations #1-B Fansler. Spd. 10-19-76.
Comp. 11-24-76. TD 3220'. IP 180 BOP. Spar Mountain, top 3148',
mca. Johnsonville South.

23, NW SW NE. Van Fossan Associates #2 Leslie White. Spd. 10-30-76.
Comp. 12-1-76. TD 3801'. IP 75 BOP. Salem, top 3764', mca.
Johnsonville South.

2S, 8E

17, SE SE NE. C. E. Brehm Drlg. & Prod. #1 B. Puckett. OWWO. OWDD.
Was Ashland Oil & Ref. Co. #2 B. E. Puckett. Was D&A. OTD 3369'.
Comp. 2-15-49. Recom. 1-18-76. DTD 5385'. D&A. Devonian,
top 5146'. Clay City Consol.

WHITE COUNTY3S, 8E

30, SE SE SE. Coy Oil, Inc. #1 Kerwin. Conversion. Was Aux Vases
producer. Comp. 7-2-75. COTD 3100' (approx.). SWD. Cypress,
top 3006'. Mill Shoals.

3S, 9E

34, 330'NL, 423'EL, SW NE. Midwestern Supply Co., Inc. #C-7 Brown.
OWWO. OWDD. Was D&A. OTD 2452'. Comp. 12-9-70. Recom.
4-9-76. TD 4320'. IP 13 BOP/some water. Salem, top
3842', acid. Goldengate Consol.

3S, 10E

26, SW NW NE. J & H Oil Co. #2 L. R. Tallman. Spd. 8-9-76. Comp.
10-10-76. TD 3880'. IP 11 BOP/5 BW. Benoist, top 2921', frac.
Albion Consol.

3S, 14W

20, SE SE SW. C. F. Rebstock #B-1 Bernard Sturm. OWDD. Was Skelly
Oil Co. #1 S. Fearn "B". Was Biehl producer. OTD 1882'. Comp.
9-1-42. Recom. 12-7-76. DTD 2356'. IP 2 BOP. Biehl,
top 1873'. Phillipstown Consol.

4S, 8E

13, SW NW SW. J. D. Turner #1 Archie Taylor et al. Spd. 12-3-76.
Comp. 12-12-76. TD 3576'. D&A. St. Louis, top 3570' (approx.).
WN - Trumbull North.

27, NW SE SW. RK Petroleum Corp. #1 Kerwin Trust. Spd. 11-24-76.
Comp. 12-2-76. TD 3522'. D&A. Ste. Genevieve, top 3403'.
WF.

32, SW SE NE. RK Petroleum Corp. #1 Warthen Comm. Spd. 12-6-76.
Comp. 12-15-76. TD 3478'. D&A. Ste. Genevieve, top 3397'
(approx.). Springerton South.

WHITE COUNTY4S, 8E

- 32, NE NW SE. RK Petroleum Corp. #2 Warthen Comm. Spd. 12-5-76.
Comp. 12-15-76. TD 3478'. D&A. Ste. Genevieve, top 3400'
(approx.). Springerton South.

4S, 9E

- 3, C W/2 NW NE. Midwestern Supply Co., Inc. #5 J. Ralph Williams.
Spd. 4-22-76. Comp. 5-17-76. TD 4450'. IP 2 BOP/some water.
St. Louis, top 3692', mca. Goldengate Consol.

4S, 10E

- 8, NW SW NW. Kellie R. Sutton #1 Hansman. OWWO. Was temp. abd.
OTD 2585'. Comp. 8-3-76. Was Whitmer-Billingsley Drlg. Was
Tar Springs producer. OTD 2585'. Comp. 7-12-66. Plugged
9-28-67. Recom. 11-27-76. COTD 2043'. Junked hole.
Centerville East.

- 13, SE NE SE. Slagter Producing Corp. #2 Armstrong-Holt. Spd. 9-1-76.
Comp. 11-24-76. TD 2421'. IP 15 BOP/7 BW. Tar Springs, top
2357', frac. Phillipstown Consol.

- 13, NE SE SE. C. E. Rebstock #3 Cleveland. Spd. 9-1-76. Comp.
11-1-76. TD 2772'. IP 10 BOP/trace of water. Tar Springs,
top 2361', acid and frac. Phillipstown Consol.

4S, 11E

- Irr. 31, 330'SL, 1670'WL, SW. Barger Engineering, Inc. #5 C. T.
Spencer. Spd. 10-25-76. Comp. 11-12-76. TD 3140'. D&A.
St. Louis, top 3114' (approx.). Phillipstown Consol.

4S, 14W

- 34, 430'SL, 330'WL, SW. The Superior Oil Co. #23 H. E. Given. Abd.
loc. New Harmony Consol.

5S, 8E

- 4, SE SW SE. RK Petroleum Corp. #8 Willard Brockett, Jr. Spd.
10-29-76. Comp. 12-13-76. TD 3494'. IP 50 BOP/10 BW.
Aux Vases, top 3320', mca and frac. Enfield North.

- 9, NE NW SW. Absher Oil Co. #1 Renshaw Comm. Spd. 11-15-76. Comp.
11-25-76. TD 3500'. D&A. Ste. Genevieve, top 3420' (approx.).
WN - Enfield North.

- 16, SE SE NE. William R. & Phyllis Becker #1 Triple AAA Ranch. Spd.
11-14-76. Comp. 11-20-76. TD 3465'. D&A. Ste. Genevieve,
top 3350' (approx.). WN - Enfield North.

- 19, NE NE NE. Reynolds & Vincent #3 Lawrence Unfried. OWWO. Con-
version. Was D&A. OTD 3375'. Comp. 6-25-76. Recom. 11-4-76.
COTD 3375'. SWD. Aux Vases, top 3330'. Enfield.

WHITE COUNTY (continued)

5S, 8E

- 33, NW SW SE. C. E. Brehm Drlg. & Prod. #1 Wallace Comm. Spd. 11-28-76. Comp. 12-6-76. TD 3340'. D&A. Ste. Genevieve, top 3335' (approx.). Enfield.

5S, 10E

- 19, NE NW SE. Eugene E. Morris #1 Maurene Rietz. Spd. 11-15-76. Comp. 11-24-76. TD 3187'. D&A. Fredonia, top 3177'. WN - Storms Consol.
- 25, NE NE NE. Juniper Petroleum Corp. #81-25 Holman. Spd. 11-27-76. Comp. 12-16-76. TD 4016'. D&A. Ullin, top 3975' (approx.). Maunie North Consol.

6S, 8E

- 15, NW NW SE. C. E. Brehm Drlg. & Prod. #1 Harmon. OWWO. Was Miami Oper. Co. Was D&A. OTD 3392'. Comp. 4-3-51. Recom. 11-28-76. COTD 3392'. D&A. McClosky, top 3293-3301'. Roland Consol.
- 15, SE SW NE. C. E. Brehm Drlg. & Prod. #1 Harris Comm. A. Spd. 11-11-76. Comp. 11-16-76. TD 3280'. D&A. Ste. Genevieve, top 3230' (approx.). Roland Consol.
- 21, SE NW NE. C. E. Brehm Drlg. & Prod. #1 J. Merritt. Spd. 11-17-76. Comp. 11-23-76. TD 3135'. D&A. Ste. Genevieve, top 3070' (approx.). WN - Roland Consol.

6S, 9E

- 18, NE SW NW. J. D. Turner #1 James A. Porter et ux. Spd. 11-10-76. Comp. 11-15-76. TD 2710'. D&A. Cypress, top 2684'. Roland Consol.
- 23, 330'SL, 360'WL, SE SW. Haley Production Co. #1 Lowell Austin. OWWO. Was Clarence Angle #1 Manuel D. Aud. Was D&A. Comp. 6-24-45. OWWO-OWDD by Jim Haley as #1 Lowell Austin. DTD 3920'. Was D&A. Comp. 9-20-75. COTD 3920'. D&A. Ullin, top 3900'. Storms Consol.

6S, 10E

- 28, NW NW SE. C. E. Brehm Drlg. & Prod. #1 Neikamp. Spd. 11-24-76. Comp. 12-10-76. TD 4864'. D&A. New Albany, top 4675' (approx.). Concord Consol.

7S, 8E

- 9, SE SW SE. Duke Resources Corp. #1 Suma P. Hale. Spd. 10-18-76. Comp. 10-27-76. TD 3110'. D&A. Ste. Genevieve, top 3070' (approx.). Roland Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH DECEMBER 1976

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

- 29-15N-1W, SW SW NW. C. B. Mansfield #1 Alice Watts. 1926'. 11-23-76.
Mt. Auburn Consol.
29-15N-1W, NW SW NW. C. B. Mansfield #2 Alice Watts. 1922'. 11-24-76.
Mt. Auburn Consol.

CLARK COUNTY

- 12-9N-14W, NE SW SW. Leonard S. Banks #1 Claypool Heirs, formerly Wm. Ramsey
#2 Wm. Ramsey. 648'. 10-22-76. (Oil producer, formerly a water input.)
Johnson North.
12-9N-14W, 630'SL, 330'EL, SW SW. Pure Oil Co. #1 Claypool Heirs. 610'.
11-1-76. (Not identified with Geological Records.) Johnson North.
12-9N-14W, SE NW SW. Leonard Banks #2 Claypool Heirs. 457'. 10-13-76.
Johnson North.
35-10N-14W, 330'SL, 335'EL, NW SE. Frank A. Bridge #1-A Kemper. 511'.
12-2-76. Johnson North.

CLAY COUNTY

- 11-4N-8E, SE SW SE. J. L. Black #3 Leo C. Lybarger. 3023'. 11-11-76.
Passport.
12-4N-8E, NW SW SW. Gulf Refining Co. #1 Walter Phillips. 3105'. 11-9-76.
Passport.
14-4N-8E, NW NE NE. Magnolia Petroleum Co. #3 Maggie Gumbel. 3057'.
11-5-76. Passport.

CLINTON COUNTY

- 12-1N-1W, 668'NL, 1176'WL, NW. Shell Oil Co., Inc. #8 G. E. Allison (Centralia
Flood Unit #189-X). 1375'. 12-15-76. Centralia.

COLES COUNTY

- 26-14N-7E, 600'SL, 400'WL, NE SE. Harold C. Sanders #5 Paul Daily. 1820'.
12-1-76. Cooks Mills Consol.
Irr. 19-14N-8E, SW NE SW. Hill Production Co. #1 J. E. Hill. 1830'.
12-2-76. Cooks Mills Consol.

DOUGLAS COUNTY

- 17-14N-8E, NW NE SW. E. E. Spencer #2 Schagemann. 1842'. 12-3-76. Cooks
Mills Consol.
17-14N-8E, NE NW SW. E. C. Reeves #1 E. J. Schrock. 1869'. 11-27-76.
Cooks Mills Consol.
17-14N-8E, SE NW SW. E. C. Reeves #3 E. J. Schrock. 1857'. 11-30-76.
Cooks Mills Consol.

EDWARDS COUNTY

- 4-1S-14W, NE NE SW. Louis A. Pessina #1 Fewkes Comm. 3630'. 10-14-76.
Bone Gap East.
34-2S-14W, SE NE NE. M. V. Ring #3 R. Johnson. 2946'. 12-10-76. New
Harmony Consol.

FRANKLIN COUNTY

- 36-5S-2E, 660'NL, 330'EL, NW SE. H & W Oil Co., Inc. #1 Kate C. Adams Comm. 2597'. 11-29-76. Benton North.
- 29-5S-3E, NE SW SE. Oil Management #2 Fitzgerald. 2855'. 11-23-76. Whittington.
- 29-5S-3E, NW NW SE. J. H. Gilliam #1 Fitzgerald Hrs., Min. 2980'. 11-24-76. Whittington.
- 36-6S-2E, 719'SL, 570'WL, SE NW. Shell Oil Co. #243 Shell Benton Flood Unit. 2128'. 11-10-76. Benton.
- 25-7S-2E, 260'NL, 438'EL, NE. Paul Mosebach #1-A Old Ben Coal Co. 2065'. 10-18-76. West Frankfort Consol.
- 20-7S-3E, 600'NL, 350'EL, SW SW. Killion & McClement #W-4 Tew-Sinks, formerly Paul Mosebach #4-A Tew-Mosebach. 2915'. 11-18-76. (Water input, formerly a producer.) West Frankfort Consol.

GALLATIN COUNTY

- 6-8S-8E, NE NE NE. Nation Oil Co. #1 R. A. Wolf "A". 2850'. 11-15-76. Omaha.

HAMILTON COUNTY

- 11-6S-6E, SW NW NW. James N. Hockman #1 Turner. 3223'. 12-15-76. (Salt water disposal, formerly a producer.) Dale Consol.

JASPER COUNTY

- 11-6N-10E, SE NW SW. R. W. Harper, Jr. #A-1 Dan Kocker. 2755'. 12-15-76. Clay City Consol.
- 14-6N-10E, 330'SL, 660'WL, NE NW. R. W. Harper, Jr. #1-A F. Schmidt. 3133'. 12-8-76. Clay City Consol.

JEFFERSON COUNTY

- 4-1S-2E, 430'SL, 680'EL, NE. Humble Oil & Refining Co. #10 Carl Hall. 2037'. 12-4-75. Salem Consol.

LAWRENCE COUNTY

- 2-2N-12W, 180'NL, 150'EL, NE. Shaffer-Smathers #1 Maggie Finley. 1630'. 9-17-76. Lawrence.
- 2-3N-12W, 2310'SL, 330'WL, SE. John M. Zanetis #4 Kirkwood. 1847'. 11-26-76. Lawrence.
- 2-3N-12W, 2310'SL, 990'WL, SE. John M. Zanetis #6 Kirkwood. 1605'. 11-23-76. Lawrence.
- 2-3N-12W, 115'SL, 330'WL, NW. John M. Zanetis #4-A Sumner. 1950'. 11-29-76. Lawrence.
- 20-3N-12W, 2310'SL, 1980'WL, SW. Shakespeare Oil Co. #8-A Miller, formerly Edward Gieck. 1840'. 11-17-76. (Water input, formerly a producer.) Lawrence.
- 20-3N-12W, 330'EL, NW/c NE NE SW. Shakespeare Oil Co. #11-A Miller, formerly Edward Gieck. 1830'. 11-19-76. (Water input, formerly a producer.) Lawrence.

MARION COUNTY

- 34-4N-1E, 220'NL, 1094'EL, NE. Shell Oil Co., Inc. #3 G. M. Davidson. 1370'. 12-15-76. (Water input, formerly a producer.) Patoka East.

MONTGOMERY COUNTY

19-7N-3W, 970'SL, 360'WL, SE. David L. Hampton #2 Hampton, formerly T. R. Kerwin. 912'. 11-13-76. Panama.

RANDOLPH COUNTY

17-4S-5W, 330'SL, 405'EL, NE SE. Joe Simpkins #1 Martha S. Bickett. 2001'. 11-11-76. Tilden.

RICHLAND COUNTY

Irr. 19-4N-14W, SE SW NW. Frank's Petroleum Explor. #1 H. Buss, formerly R. H. Billingsley. 3140'. 11-10-76. Stringtown South.

SALINE COUNTY

15-8S-7E, NW SW SW. Har-Ken Oil Co. #W-16 Eldorado Central Unit, formerly Breuer-Robison Oil Co. #1 Roberson Hrs. Unit 2. 2154'. 11-23-76.

(Water input, formerly a producer.) Eldorado Consol.

15-8S-7E, 300'SL, 285'WL, NW SW. Har-Ken Oil Co. #3 Plumlee Comm., formerly Breuer-Robison Oil Co. 2185'. 11-23-76. (Water input, formerly a producer.) Eldorado Consol.

WABASH COUNTY

15-1N-12W, NW SW SW. John M. Zanetis #1 Hawf Comm. 2051'. 11-18-76.

(Water input, formerly a producer.) Allendale.

16-1N-12W, SW SE SW. R. Brinkley & G. Brown #2 Stevens. 3051'. 10-30-76. Allendale.

4-2S-13W, 330'NL, 380'EL, NE. Calvert & Willis, Inc. #4 Jacob Reisinger. 2413'. 12-9-76. New Harmony Consol.

4-2S-13W, SE NE NE. Continental Oil Co. #1 Jacob W. Reisinger, formerly Calvert & Willis Inc. 2412'. 12-7-76. (Water input, formerly a producer.) New Harmony Consol.

Irr. 6-2S-13W, NW NE SW. National Assoc. Petro. Co. #1 Coale-Epler Unit. 2141'. 12-14-76. New Harmony Consol.

Irr. 6-2S-13W, 330'NL, 1650'EL, SW. National Assoc. Petro. Co. #2 Coale-Epler Unit. 2121'. 12-14-76. (Water input, formerly a producer.) New Harmony Consol.

Irr. 6-2S-13W, SE SE NW. National Assoc. Petro. Co. #1 Frese-Epler Unit. 2880'. 11-5-76. New Harmony Consol.

Irr. 6-2S-13W, SW SE NW. National Assoc. Petro. #2 Frese-Epler Unit. 2641'. 11-11-76. (Water input, formerly a producer.) New Harmony Consol.

WAYNE COUNTY

23-2N-8E, NE SW SE. Tamarack Petroleum Co. #1 M. Wilson, formerly John W. Rudy. 3047'. 12-7-76. (Water input, formerly a producer.) Clay City Consol.

25-2N-9E, 330'NL, 935'WL, SE. Alco Oil & Gas Corp. #2 Carmichael. 3271'. 11-22-76. Calhoun South.

25-2N-9E, SW NW SE. Alco Oil & Gas Corp. #3 Carmichael. 3260'. 11-29-76. Calhoun South.

14-1S-8E, SW NW NE. M. V. Ring #1 J. Kunce, formerly R. L. VanFossan. 3951'. 12-8-76. Clay City Consol.

27-1S-8E, SW SW SW. Ivan R. Jones #1 Osterman, formerly Floyd & Henson Drlg. Co. #1 John Isles. 3182'. 11-15-76. Clay City Consol.

WILLIAMSON COUNTY

34-8S-2E, 660'SL, 330'WL, SE NE. C. E. Brehm Drlg. & Prod. #2 Garrett.
2531'. 10-12-76. Whiteash.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 107. Petroleum Industry in Illinois in 1974 (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
Department of Registration and Education

I L L I N O I S S T A T E G E O L O G I C A L S U R V E Y

Urbana, Illinois 61801

MONTHLY REPORT

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

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FEB 17 1977

UNIVERSITY OF ILLINOIS
AT URBANA CHAMPAIGN

DISCOVERIES

3

New Fields

None

Extensions to Fields

None

New Pay Zones in Fields

HILL. Effingham County, 16-6N-6E, Spar Mtn. at 2543'. Discovery well, S. A. & Sylvia Britton #1 C. Bushue (OWWO, was D&A), IP 7 BOP, 10 BW.

KEENVILLE. Wayne County, 27-1S-5E, Salem at 3612'. Discovery well, Fletcher F. Farrar #1 Roy Reed, IP 335 BOP.

MAPLE GROVE CONSOLIDATED. Wayne County, 23-1N-9E, St. Louis at 3500'. Discovery well, Energy Resources Corp. #3 French. IP 35 BOP, 75 BW, includes production from Aux Vases and Spar Mtn. also.

MAYBERRY. Wayne County, 8-3S-6E, Ullin (Warsaw) at 4204'. Discovery well, Comanche Oil Corp. #1 Parker Comm., IP 200 BOP, 20 BW.

SPRINGERTON SOUTH. White County, 32-4S-8E, Aux Vases at 3316'. Discovery well, R K Petroleum Corp. #1 Warthen Comm., IP 198 BOP, 20 BW.

TABLE I

New Pools Discovered from February 1976 through January 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------------|------|------|------------------------------------|------|------|
| <u>February 1976</u> | | | <u>August</u> | | |
| Harristown S: Macon | 16N | 1E | Enfield North: White County | 5S | 8E |
| <u>March</u> | | | <u>September</u> | | |
| None | | | None | | |
| <u>April</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| None | | | Ferrin: Clinton County | 2N | 1W |
| <u>June</u> | | | Springerton South: White County | 4S | 8E |
| Hadley: Richland | 4N | 14W | <u>December</u> | | |
| Kell North: Marion | 1N | 3E | None | | |
| <u>July</u> | | | <u>January 1977</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Total New Tests</u> | <u>Production in Thousands of Barrels</u> |
|-------------|---|--------------------|-------------|------------------------------------|-----------------------------------|------------------------|----------------|------------|--------------------------------|---|
| | <u>Field Wells</u> | <u>Discoveries</u> | | <u>Newly Drilled Holes</u> | <u>Reworked Dry Holes</u> | <u>Field Wells</u> | <u>Wildcat</u> | | | |
| | | <u>Field</u> | <u>Ext.</u> | | | | <u>Near</u> | <u>Far</u> | | |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,280 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,235 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,298 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 84(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 2,235 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through November 1976 are from reports received directly from crude gathering companies. The figures for December 1976 and January 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, January 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions Were | | |
| | | | Prod. | D&A | | | Prod. | Others | |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | - | 6 | - | - | - | - | 6 | - | - |
| Clark | 2 | 1 | 1 | - | - | - | - | - | - |
| Clay | 7 | 7 | 4 | 3 | - | - | - | - | - |
| Clinton | - | 1 | 1 | - | - | - | - | - | - |
| Crawford | 7 | 4 | 3 | - | 1 | - | - | - | - |
| Edwards | 1 | 2 | - | 2 | - | - | - | - | - |
| Effingham | 3 | 1 | - | - | 1 | - | - | - | - |
| Fayette | 1 | 1 | - | 1 | - | - | - | - | - |
| Franklin | 6 | 1 | - | 1 | - | - | - | - | - |
| Gallatin | 1 | 1 | 1 | - | - | - | - | - | - |
| Hamilton | 2 | - | - | - | - | - | - | - | - |
| Jasper | 2 | 3 | 2 | - | 1 | - | - | - | - |
| Lawrence | 1 | 14 | 4 | - | - | 10 | - | - | - |
| Macoupin | - | 1 | - | - | 1* | - | - | - | - |
| Marion | 3 | - | - | - | - | - | - | - | - |
| Monroe | 1 | 2 | 2 | - | - | - | - | - | - |
| Randolph | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 3 | 3 | 3 | - | - | - | - | - | - |
| St. Clair | - | 1 | - | 1 | - | - | - | - | - |
| Saline | 1 | 1 | - | 1 | - | - | - | - | - |
| Sangamon | 1 | 1 | - | 1 | - | - | - | - | - |
| Shelby | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 1 | 2 | - | 2 | - | - | - | - | - |
| Wayne | 8 | 19 | 12 | 5 | 1 | - | - | 1 | - |
| White | 6 | 5 | 4 | 1 | - | - | - | - | - |
| Williamson | - | 1 | - | 1 | - | - | - | - | - |
| | 58 | 80 | 37 | 21 | 5 | 10 | 6 | 1 | - |

* Gas well.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1977, through January 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, January 1977

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|----------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| La Salle | - | 4 | 2 | - | 2 | - |
| McLean | <u>5</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 5 | 4 | 2 | - | 2 | - |

In addition to the above, one permit was issued for a structure test in Illinois in connection with underground storage of natural gas.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, January 1, 1977, through January 26, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

| | | | | | | | | | | |
|------------|------|-----|-----|----|----|---|----|---------|---|---------|
| Macoupin | 2 | - | 2 | 1 | 1 | - | 1 | 1 | - | 950 |
| Madison | 11 | - | 2 | 5 | 1 | - | 5 | 1 | 3 | 1139 |
| Marion | 30 | - | 7 | 8 | 9 | - | 8 | 9 | 6 | 16169 |
| Monroe | 1 | - | 1 | - | - | - | - | - | - | 385 |
| Montgomery | 1 | - | - | - | 1 | - | - | 1 | 1 | - |
| Morgan | 1 | - | - | - | - | - | - | - | - | 825 |
| Moultrie | 2 | - | - | - | - | - | - | - | 2 | - |
| Perry | 9 | - | 1 | 1 | 4 | - | 1 | 3 | 3 | 1173 |
| Piatt | 2 | - | - | - | - | - | - | 2 | 2 | - |
| Randolph | 3 | - | 1 | 2 | - | - | 2 | - | - | 2300 |
| Richland | 22 | - | 9 | 11 | 2 | - | 11 | - | - | 28800 |
| St. Clair | 12 | 6 | - | - | 3 | - | - | 3 | 3 | 1858 |
| Saline | 20 | - | 9 | 4 | 4 | - | 4 | 3 | 3 | 26003 |
| Sangamon | 24 | - | 9 | 9 | 3 | - | 9 | 3 | 3 | 15931 |
| Schuyler | 1 | - | - | 1 | - | - | 1 | - | 4 | - |
| Shelby | 7 | - | 3 | - | - | - | - | - | - | 8954 |
| Vermilion | 1 | - | - | - | - | - | - | - | 1 | - |
| Wabash | 99 | - | 48 | 50 | 1 | - | - | 1 | - | 108758 |
| Washington | 19 | - | 2 | 7 | 4 | - | - | 4 | 6 | 3602 |
| Wayne | 154 | - | 103 | 48 | 3 | - | - | 3 | - | 383823 |
| White | 102 | - | 51 | 33 | 14 | - | - | 14 | 4 | 165937 |
| Williamson | 14 | - | 6 | 2 | 4 | - | - | 4 | 2 | 16020 |
| | 1257 | 721 | 349 | 97 | 79 | | | 1703324 | | 3031482 |

* Only new holes drilled as oil and gas tests. Does not include service wells, structure tests, holes drilled for natural gas storage, or old wells reworked or deepened.

OIL AND GAS DEVELOPMENT MAPS

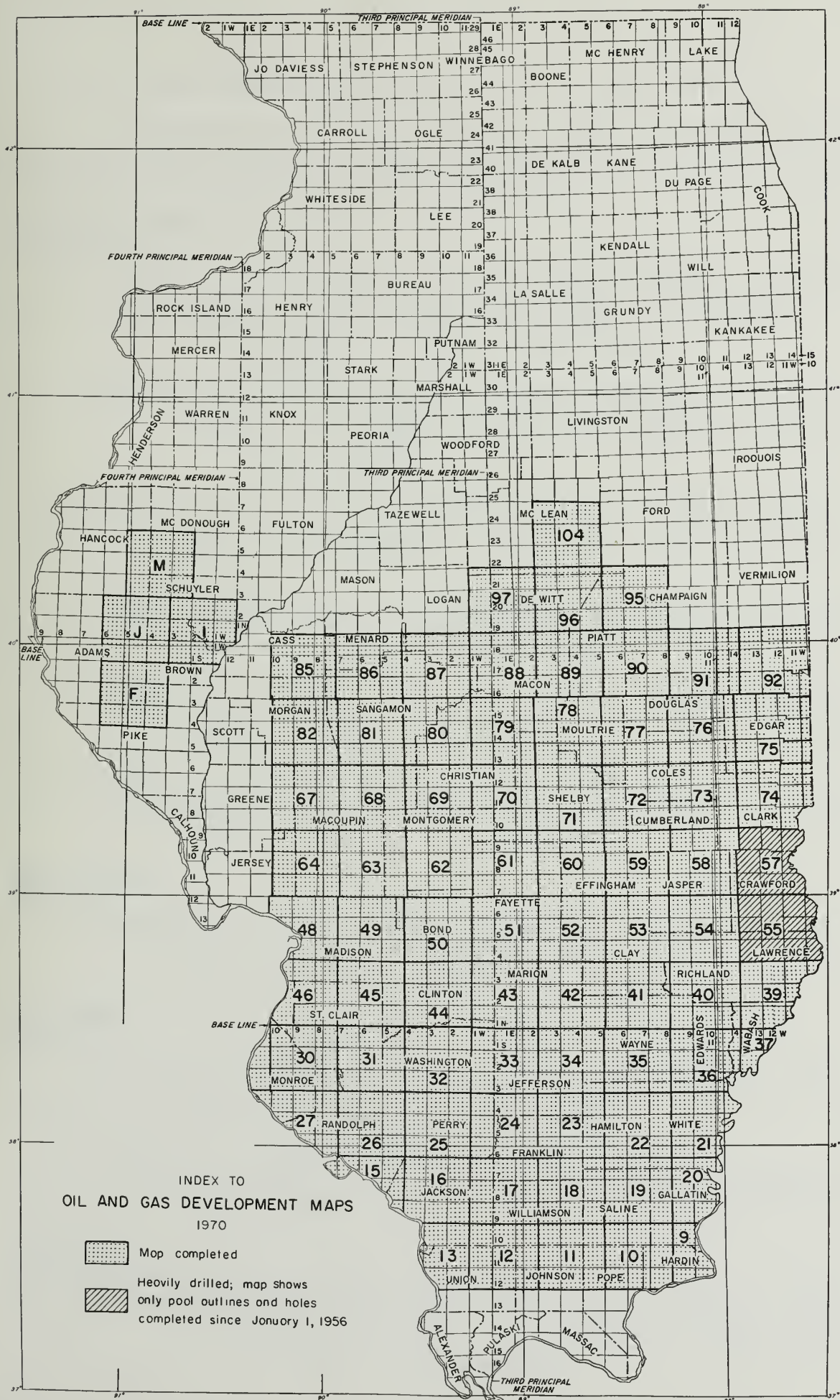
Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

The following Beech Creek (Barlow) structural data maps have been updated to approximately August 1976, and blue-line copies are available. The remaining Barlow data maps will be updated as time permits.

| | | | |
|-------------------|----------------|------------------|----------------|
| 20. Shawneetown | 36. Albion | 51. Patoka | 72. Mattoon |
| 21. Carmi | 37. Mt. Carmel | 52. Kinmundy | 73. Charleston |
| 24. Du Quoin | 40. Noble | 53. Louisville | 77. Arcola |
| 25. Pinckneyville | 41. Clay City | 54. Olney | 78. Sullivan |
| 26. Sparta | 42. Xenia | 58. Greenup | |
| 31. Marissa | 43. Centralia | 59. Effingham | |
| 32. Nashville | 44. Carlyle | 60. Beecher City | |
| 33. Roaches | 45. Lebanon | 61. Ramsey | |
| 34. Mt. Vernon | 49. Worden | 70. Pana | |
| 35. Fairfield | 50. Greenville | 71. Shelbyville | |



WELLS COMPLETED FROM JANUARY 1, 1977 TO JANUARY 28, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

CHRISTIAN COUNTY

13N, 3W

- 3, SW NW SW. Joe Simpkins Oil Developments #C-1 Beavers. Conversion. Was Lama Oil Co. #1 Beavers-Peabody Comm. "C". Was Devonian producer. Comp. 10-27-76. COTD 1820'. Water input. Devonian, top 1802'. Kincaid Consol.
- 3, SW NW SE. Joe Simpkins Oil Developments #5 Hibbard. Conversion. Was Lama Oil Co. #5 Hibbard. Was Devonian producer. Comp. 10-29-76. COTD 1822'. Water input. Devonian, top 1799'. Kincaid Consol.
- 3, 340'NL, 330'WL, SE SW. Joe Simpkins Oil Dev. #2 Linton-Peabody. Conversion. Was Devonian producer. Comp. 10-27-76. TD 1806'. Water input. Devonian, top 1791'. Kincaid Consol.
- 9, 383'SL, 388'EL, SW SW. Joe Simpkins Oil Dev. #3 German. Conversion. Was Devonian producer. Comp. 10-30-76. COTD 1837'. Water input. Devonian, top 1821'. Kincaid Consol.
- 9, 330'NL, 671'WL, SW SW. Joe Simpkins Oil Dev. #4 German. Conversion. Was Devonian producer. Comp. 11-10-76. COTD 1840'. Water input. Devonian, top 1814'. Kincaid Consol.
- 15, 331'SL, 371'EL, NW. Joe Simpkins Oil Dev. #4 Perrozzo. Conversion. Was Devonian producer. Comp. 11-3-76. COTD 1859'. Water input. Devonian, top 1840'. Kincaid Consol.

CLARK COUNTY

9N, 13W

- 13, 330'NL, 430'WL, SE SW. James B. Orrell #6-A Vern Davison. Spd. 11-30-76. Comp. 1-20-77. TD 871'. IP 10 BOP/100 BW. Pennsylvanian, top 840' (approx.), frac. Melrose.

CLAY COUNTY

2N, 7E

- 13, C S/2 SE NE. Hagen Oil Co. #1 V. Ullom. Spd. 7-26-76. Comp. 9-17-76. TD 3699'. IP 48 BOP/trace of water. Salem, top 3566', acid and acid frac. Clay City Consol.
- 17, SW SE NW. Richard W. Beeson #1 Mamie Williams et al. Spd. 12-15-76. Comp. 1-5-77. TD 4000'. D&A. Warsaw, top 3798'. Clay City Consol.

2N, 8E

- 10, SW NE NW. Union Oil Co. of California #1 G. W. Sharp A, T.M. & S. Unit. Conversion. Was Shulman Bros. #1-A G. W. Sharp. Was Cypress producer converted to Cypress water input. Comp. 8-10-76. COTD 2605'. IP 5 BOP/81 BW. Cypress, top 2597'. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

16, NE NE SW. C. E. Brehm Drlg. & Prod. #1 Moseley. Spd. 1-23-76.
Comp. 2-1-76. TD 3675'. D&A. Salem, top 3376'. Clay City
Consol.

17, SE NW NW. Union Oil Co. of Calif. #3 Henry R. Bissey. Spd.
11-13-76. Comp. 1-11-77. TD 3679'. IP 291 BOP/216 BW. Salem,
top 3550', frac. Clay City Consol.

Irr. 18, 560'SL, 330'WL, NW. Mid-Western Oil Co., Inc. #3 Gibbs.
Spd. 12-16-76. Comp. 12-28-76. TD 3658'. D&A. Salem, top
3354'. Clay City Consol.

4N, 7E

35, 330'NL, 530'WL, SE NE. Woodrow Franklin #5-B Kessler. Spd.
6-29-76. Comp. 12-8-76. TD 3546'. Oil producer, IP not avail-
able. St. Louis, top 3198', acid. Sailor Springs Consol.

5N, 7E

Irr. 30, 330'NL, 660'EL, SE NW. Bob Hatfield #2 Quinn. Spd. 10-17-76.
Comp. 12-21-76. TD 2848'. IP 20 BOP/40 BW. Spar Mountain, top
2836', mca. Toliver East.

CLINTON COUNTY

2N, 3W

10, 380'SL, 345'WL, NW NE. Leland Monken #4 Hempen et al. Spd.
7-12-76. Comp. 11-20-76. TD 1050'. IP 5 BOP/12 BW. Cypress,
top 1034', frac. Carlyle.

CRAWFORD COUNTY

5N, 13W

1, NE NW SW. Energy Resources of Indiana, Inc. #6 Valdez. Spd.
11-24-76. Comp. 12-28-76. TD 1436'. IP 36 BOP. Pennsylvanian,
top 1220'. Main Consol.

1, 380'SL, 330'WL, NW. Energy Resources of Ind., Inc. #7 Valdez.
Spd. 12-1-76. Comp. 1-4-77. TD 1432'. IP 108 BOP. Pennsylv-
anian, top 1224'. Main Consol.

2, NE SE SE. Energy Resources of Ind., Inc. #3 Richart Heirs. Spd.
11-19-76. Comp. 12-28-76. TD 1367'. IP 240 BOP. B. Pennsylv-
anian, top 1280'. Main Consol.

6N, 12W

29, NW NE SE. Triple "B" Oil Prod. #1 S. S. Reinoehl. OWWO. Was
Televest Exploration, Inc. #1 S. S. Reinoehl. Was D&A. OTD
2195'. Comp. 10-20-75. Recom. 10-26-76. COTD 1110'.
Waterflood producer, IP not available. Robinson, top
931'. Main Consol. (Was erroneously run as D&A
in Nov. 1976 Drlg. Report.)

CRAWFORD COUNTY (continued)

8N, 13W

25, 2'SL, 5'EL, SW NE. Used Oilfield Equipment LW-2 Floyd & Julia Wagoner. Abd. loc. Main Consol.

25, 380'SL, 330'EL, NE. Used Oilfield Equipment #6 John Patelski. Abd. loc. Main Consol.

EDWARDS COUNTY

1S, 10E

24, C E/2 NE NE. Juniper Petroleum Corp. #82x-24 St. Ledger. Spd. 12-18-76. Comp. 1-4-77. TD 3936'. D&A. Ullin, top 3926'. Bone Gap Consol.

3S, 11E

Irr. 7, 330'SL, 330'EL, NW NW. French Creek Co. #4 V. Louis Fieber "M" Lease. Spd. 12-9-76. Comp. 12-13-76. TD 2500'. D&A. Waltersburg, top 2454'. Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

16, C S/2 SW NW. Shelby A. & Sylvia Britton #1 Clifford Bushue. OWWO. Was Leslie Mason #1 C. Bushue. Was D&A. OTD 2572'. Comp. 5-30-76. Recomp. 9-21-76. COTD 2572'. IP 7 BOP/10 BW. Spar Mountain, top 2543'. Hill. NEW PAY IN FIELD.

FAYETTE COUNTY

9N, 3E

35, SE NE NW. Lamar Redman #1 McClanahan. Spd. 12-22-76. Comp. 12-30-76. TD 1730'. D&A. Aux Vases, top 1704'. Loudon.

FRANKLIN COUNTY

5S, 4E

13, NE SE SW. C. E. Brehm Drlg. & Prod. #1 Tharp. OWWO. OWDD. Was Superior Oil Co. #A-2 Ettie Tharp et al. Was D&A. OTD 3305'. Comp. 11-30-48. Recomp. 12-23-76. DTD 4233'. D&A. Ullin, top 4070' (approx.). WN - Macedonia.

6S, 4E

34, 950'NL, 900'WL, SW SE. C. E. Brehm Drlg. & Prod. #1 Pulverman "F". Spd. 9-25-76. Comp. 10-2-76. TD 3252'. D&A. McClosky, top 3194'. WN - Akin.

GALLATIN COUNTY

8S, 9E

1, NW SW SE. Joe Simpkins Oil Developments #4 Len Downen. Spd. 12-23-76. Comp. 1-11-77. TD 2509'. IP 10 BOP/50 BW. Hardinsburg, top 2309', frac.; Cypress, top 2495'. Inman West Consol.

JASPER COUNTY

5N, 10E

16, SW SE NW. Robert B. Britton #4 Frohning. Spd. 10-13-76. Comp. 12-6-76. TD 3059'. IP 16 BOP/2 BW. St. Louis, top 3030', mca and frac. Clay City Consol.

JASPER COUNTY (continued)

6N, 11E

Irr. 6, 430'SL, 330'WL, NW NW. Robert B. Britton #1 Postlewait. Spd. 11-30-76. Comp. 12-29-76. TD 2688'. IP 12 BOP/4 BW. McClosky, top 2630', mca and frac. Clay City Consol.

7N, 10E

22, NE NW SE. Wichita Industries, Inc. #2 Martin. Spd. 10-29-76. Comp. 11-23-76. COTD 3321'. IP 60 BOP/82 BW. McClosky, top 2705', acid and frac. Clay City Consol.

LASALLE COUNTY

34N, 1E

4, 1278'NL, 122'EL, NW. Northern Illinois Gas Co. #1 Klinefelter. Spd. 9-21-76. Comp. 10-5-76. TD 1723'. Gas injection-withdrawal. Eau Claire, top 1210'. Troy Grove Gas Storage Field.

35N, 1E

17, 100'NL, 166'WL, NE. Northern Illinois Gas Co. #1 Waldorf. Spd. 8-12-76. Comp. 10-12-76. TD 2072'. Water observation. Mt. Simon, top 1734'. Troy Grove Gas Storage Field.

21, 98'NL, 1264'EL, NE. Northern Ill. Gas Co. #1 E. Klein. Spd. 7-27-76. Comp. 10-12-76. TD 1995'. Water observation. Mt. Simon, top 1684'. Troy Grove Gas Storage Field.

33, 216'SL, 1135'EL, SW. Northern Ill. Gas Co. #4 Hamer. Spd. 8-29-76. Comp. 11-3-76. TD 1747'. Gas injection-withdrawal. Eau Claire, top 1227'. Troy Grove Gas Storage Field.

LAWRENCE COUNTY

2N, 12W

11, 330'SL, 360'EL, NW. Transwestern Petroleum Corp. #3-B Paul Young. Spd. 11-19-75. Comp. 9-10-76. TD 1300'. Oil producer, IP not available. Biehl, top 1253'. Lawrence.

3N, 12W

15, 180'SL, 300'WL, SE SW. John M. Zanetis #13 W. H. Gillespie. OWWO. Was Ohio Oil Co. #2 G. Gillespie. Was plugged Buchanan producer. OTD 1319'. Comp. 8-09. Recom. 8-13-76. COTD 1319'. IP 18 BOP/100 BW. Buchanan, top 1302'. Lawrence.

27, NE SW NW. Cinco Oil Co., Inc. #2 Willis Nichols. OWWO. OWDD. Was Bill Vaught #1 Opal Sydnor. Was D&A. OTD 1983'. Comp. 9-20-60. Recom. 3-6-76. TD 2402'. D&A. Ullin, top 2395'. Lawrence.

3N, 13W

13, NE SW NE. Heath Oil Production #1 J. C. Middagh. Spd. 6-3-76. Comp. 10-2-76. TD 3900'. IP 20 BOP/10 BW. Spar Mountain, top not available, mca and frac. Lawrence.

LAWRENCE COUNTY (continued)

3N, 13W

- 14, C E/2 SW SE. Black & Black Oil Co. #1 Scherer. Spd. 7-23-76.
Comp. 12-8-76. TD 2236'. Oil producer, IP not available. Paint
Creek, top 2066'. Lawrence West.

4N, 12W

- 7, 900'NL, 963'EL, NE. Marathon Oil Co. #8 Ella Baltzell. Spd.
10-5-76. Comp. 10-7-76. TD 99'. WSW. Alluvium, top 40'.
Lawrence.
- 19, 10'SL, 660'EL, NW SE. Marathon Oil Co. #PB-19 S. E. Hazel, A/C #1.
Spd. 9-9-76. Comp. 11-25-76 (est.). TD 889'. Water input.
Bridgeport, top 780'. Lawrence.
- 19, C NE NE. Marathon Oil Co. #RB-14 S. E. Hazel, A/C 1. Spd. 10-12-76.
Comp. 12-7-76 (est.). TD 922'. Water input. Bridgeport, top 840'.
Lawrence.
- 19, 25'SL, 660'EL, NE. Marathon Oil Co. #RB-17 S. E. Hazel, A/C 1.
Spd. 10-6-76. Comp. 11-20-76 (est.). TD 905'. Water input.
Bridgeport, top 826'. Lawrence.
- 19, 0'SL, 10'EL, NE. Marathon Oil Co. #SB-17 S. E. Hazel, A/C 1. Spd.
10-4-76. Comp. 11-20-76 (est.). TD 985'. Water input. Bridge-
port, top 812'. Lawrence.
- 19, 657'SL, 10'WL, SE SE. Marathon Oil Co. #QB-20 G. L. Miller. Spd.
10-19-76. Comp. 12-7-76 (est.). TD 955'. Water input. Bridge-
port, top 811'. Lawrence.
- 19, 50'SL, 45'WL, SE SE. Marathon Oil Co. #QB-21 G. L. Miller. Spd.
10-14-76. Comp. 12-5-76 (approx.). TD 955'. Water input.
Bridgeport, top 791'. Lawrence.
- 19, 660'SL, 670'WL, SE SW. Marathon Oil Co. #MB-20 E. Willey. Spd.
9-1-76. Comp. 12-2-76 (est.). TD 1068'. Water input. Bridge-
port, top 812'. Lawrence.
- 20, 36'SL, 660'WL, NW SW. Marathon Oil Co. #TB-19 C. L. Lewis. Spd.
10-31-76. Comp. 1-10-77 (est.). TD 1020'. Water input. Bridge-
port, top 861'. Lawrence.
- 20, 660'SL, 10'WL, NW. Marathon Oil Co. #SB-16 Mary A. Wood A/C. Spd.
10-11-75. Comp. 1-15-77 (est.). TD 1020'. Water input. Bridge-
port, top 844'. Lawrence.
- 29, 741'NL, 660'WL, NW. Marathon Oil Co. #1 Crackle-Silurian Lot-Bower
Comm. Spd. 8-3-76. Comp. 9-14-76. TD 3090'. IP 110 BOP/199 BW.
Devonian, top 2968', frac. Lawrence.

MACOUPIN COUNTY10N, 6W

- 2, SE NW SE. Comanche Oil Corp. #1 Malham. OWWO. By Comanche Oil.
Was D&A. OTD 576'. Comp. 7-20-60. Recomp. 1-18-77. COTD 576'.
IP 46 MCF. Pennsylvanian, top 552'. WF. MAY OPEN NEW FIELD.

MONROE COUNTY2S, 10W

- 11, SE NE NW. Marble Rock Co. & Vey-Nis Production, Inc. #1 Earl Kolmer.
Spd. 10-18-76. Comp. 11-5-76. TD 431'. IP 10 BOP/20 BW. Trenton,
top 405', acid. Waterloo.
- 11, SW SW NE. John W. Kelly #1 Ralph Kolmer. Spd. 10-18-76. Comp.
1-12-77. TD 462'. IP 10 BOP/10 BW. Trenton, top 398', acid.
Waterloo.

RANDOLPH COUNTY6S, 6W

- 22, NE SE SW. Bufay Oil Co. #1 Gremmels. Spd. 12-26-76. Comp.
1-3-77. TD 1819'. D&A. Devonian, top 1770' (approx.). WF.

RICHLAND COUNTY2N, 9E

- Irr. 6, 990'SL, 990'EL, NE NW. Hudson-Mansfield & Helm Petr. Co. #2
H. Fryman. Spd. 11-3-76. Comp. 1-18-77. TD 3111'. IP 30 BOP.
Aux Vases, top 2934', frac. Schnell.
- Irr. 6, 330'SL, 330'EL, NE NW. Hudson-Mansfield & Helm Petr. Co. #3
H. Fryman. Spd. 11-14-76. Comp. 1-18-77. TD 3098'. IP 35 BOP.
Aux Vases, top 2940', frac. Schnell.

3N, 9E

- Irr. 19, 330'NL, 330'WL, SE NE. Bernard Podolsky #1 Charles H. Van
Blaricum. Spd. 9-16-76. Comp. 1-6-77. TD 3050'. IP 10 BOP/0 BW.
McClosky, top 3001', acid. Clay City Consol.

ST. CLAIR COUNTY2N, 7W

- 11, SW SE NE. Texas Pacific Oil Co., Inc. #1 R. W. Clark. Spd. 1-3-77.
Comp. 1-11-77. TD 2330'. D&A. Trenton, top 2305' (approx.). WF.

SALINE COUNTY7S, 5E

- 29, NW NE NE. C. E. Brehm Drlg. & Prod. #1 Wilson. Spd. 2-5-76.
Comp. 2-11-76. TD 3249'. D&A. Ste. Genevieve, top 3231'. Dale
Consol.

SANGAMON COUNTY16N, 3W

- 27, SE SW SW. Edward C. Koch #1 Schafer. Spd. 12-18-76. Comp.
1-5-77. TD 1824'. D&A. Silurian, top 1715' (approx.). WF.

SHELBY COUNTY

10N, 1E

20, NE NW SW. C. E. Brehm Drlg. & Prod. #2 Sommer. Spd. 1-21-76.
Comp. 1-27-76. TD 2845'. D&A. Devonian, top 2827'. Oconee.

WABASH COUNTY

1N, 12W

Irr. 30, 330'SL, 330'EL, NE. Jack E. Small #2 Norman Dunkel "B". Spd.
12-22-76. Comp. 12-27-76. TD 1610'. D&A. Biehl, top 1510'.
Allendale.

1S, 12W

Irr. 10, 660'SL, 330'EL, NW. Southern Triangle Oil Co. #1 Jacob
Zimmerman. Abd. loc. Mt. Carmel.

1S, 13W

21, SE SE NW. Hocking Oil Co., Inc. #1 Gilbert Wirth. Spd. 1-3-77.
Comp. 1-15-77. TD 3510'. D&A. Salem, top 3130'. New Harmony
Consol.

2S, 13W

Irr. 30, 1650'NL, 1650'EL, NW. Jack Hocking #4 Jack Hocking et al.
OWWO. OWDD. Was D&A. OTD 2666'. Comp. 10-10-75. Recom.
12-31-76. DTD 3740'. D&A. Salem, top 3300' (approx.).
New Harmony Consol.

Irr. 31, 601'NL, 990'EL, SW. Gilbert A. Higgins #6 Parmenter. Spd.
10-28-76. Comp. 11-16-76. COTD 2100'. IP 12 BOP. Tar Springs,
top 2085'. New Harmony Consol.

WASHINGTON COUNTY

3S, 5W

31, NW NW SW. C. Stephens #2 Orr-Franklin Comm. Spd. 5-16-70. Comp.
12-31-76. DTD 2326'. IP 40 BOP. Silurian, top 2226'. Tildon
North.

WAYNE COUNTY

1N, 5E

28, NE NW NW. United States Oil, Inc. #1 Reba L. Alred. Spd. 11-8-76.
Comp. 1-18-77. TD 3033'. D&A. McClosky, top 3002'. WN -
Orchardville.

1N, 7E

5, NE NE NW. Independent Oil Co. #1 E. A. Keith. Abd. loc. Rinard
North.

35, SW NE SW. Richard W. Beeson #3 Harold Barnard. Spd. 10-20-76.
Comp. 11-26-76. TD 4070'. IP 175 BOP. Aux Vases, top 3037',
mca and frac. Clay City Consol.

1N, 8E

10, NW SE NW. Midwest Oil Producers #1 Behymer. Spd. 9-11-76.
Comp. 12-31-76. TD 3782'. D&A. Salem, top 3426'. Clay City
Consol.

WAYNE COUNTY (continued)

1N, 8E

11, 500'SL, 600'EL, NW SE. Partlow & Cochonour #1 Barth. OWWO. OWDD. Was Walter Morton #2 Barth. Was D&A. OTD 3260'. Comp. 11-18-59. Recomp. 12-30-76. DTD 3700'. IP 25 BOP/25 BW. Salem, top 3461', frac. Clay City Consol.

33, NW SE NE. Robinson Production, Inc. #4 Rinkel. Spd. 10-19-76. Comp. 12-28-76. TD 3030'. IP 25 BOP. Aux Vases, top 2993', mca and frac. Clay City Consol.

1N, 9E

2, NE SW SE. John M. Zanetis #1 Melton-Meadows Comm. Abd. loc. Calhoun South.

23, SE SW NW. Energy Resources Corp. #3 French. Spd. 6-28-76. Comp. 12-30-76. TD 4020'. IP 35 BOP/75 BW. Aux Vases, top 3168'; Spar Mountain, top 3254', acid; St. Louis, top 3500', acid. Maple Grove Consol. St. Louis. NEW PAY IN FIELD.

2N, 7E

24, SW NE SW. Union Oil Co. of Calif. #4 Lafayette Gill. Spd. 10-26-76. Comp. 1-11-77. TD 3615'. IP 62 BOP/86 BW. Salem, top 3392', acid. Clay City Consol.

1S, 5E

27, NE NW SW. Fletcher F. Farrar #1 Roy Reed. Spd. 11-16-76. Comp. 1-4-77. TD 3807'. IP 335 BOP. Salem, top 3612'. Keenville. NEW PAY IN FIELD.

1S, 6E

Irr. 1, 330'SL, 330'EL, SW. David Allison #1 C. Hilliard. Spd. 12-28-76. Comp. 1-15-77. TD 3242'. IP 140 BOP/0 BW. McClosky, top 3232', nat. Johnsonville Consol.

14, SW NE SW. Fletcher F. Farrar #2 Bass-Fansler Unit. Spd. 11-4-76. Comp. 12-28-76. TD 3795'. IP 45 BOP/30 BW. McClosky, top 3142'; Salem, top 3746', mca. Johnsonville South.

14, C S/2 SE SE. Rio-Petro, Inc. #3 James Beeson. Conversion. Was Van Fossan Assoc. #3 James Beeson. Was D&A. (Temp. abd.) OTD 3830'. Comp. 6-2-76. Recomp. 8-20-76. COTD 2890'. SWD. Cypress, top 2876'. Johnsonville South.

14, 380'SL, 330'EL, NW SW. Van Fossan Associates #1 Thomas Tetrich. Spd. 11-20-76. Comp. 1-6-77. TD 3785'. D&A (SO). Salem, top 3500' (approx.). Johnsonville South.

22, SE NE NE. Robert N. Gooch #1 Porch. OWWO. Was Booth Oil. Was D&A. OTD 3801'. Comp. 11-20-76. Recomp. 12-30-76. COTD 85'. D&A - crooked hole. Johnsonville South.

23, 330'SL, 380'WL, NW NE. Fletcher F. Farrar #2 Manahan. Spd. 11-18-76. Comp. 12-28-76. TD 3822'. IP 60 BOP/7 BW. Salem, top 3760', mca and acid. Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

23, SW SW NE. Van Fossan Associates #3 Leslie White. Spd. 12-14-76.
Comp. 12-23-76. TD 3839'. D&A. Salem, top 3567'. Johnsonville
South.

24, SW SE SW. Carl E. Busby #6 Sims. Spd. 12-4-75. Comp. 12-31-76.
TD 3842'. IP 5 BOP/30 BW. Aux Vases, top 3112', nat. Clay City
Consol.

1S, 7E

2, NW NW NE. Van Fossan Associates #1 Herman Hawk. Spd. 12-27-76.
Comp. 1-7-77. TD 4001'. D&A. Salem, top 3538'. Clay City
Consol.

1S, 8E

14, SW SW SW. Royalco, Inc. #1-A Osterman Unit. Spd. 10-31-76.
Comp. 1-15-77. TD 4001'. IP 70 BOP/250 BW. Salem, top 3746',
mca. Clay City Consol.

15, 380'NL, 330'EL, SW SW. Union Oil Co. of Calif. #B-1 O. H. Gray.
Spd. 11-2-76. Comp. 12-28-76. TD 3827'. IP 340 BOP/150 BW.
Salem, top 3591'. Clay City Consol.

3S, 6E

8, SW SE NW. Comanche Oil Corp. #1 Parker Comm. Spd. 11-25-76. Comp.
1-14-77. TD 5373'. IP 200 BOP/20 BW. Ullin, top 4204', acid.
Mayberry. NEW PAY IN FIELD.

WHITE COUNTY

4S, 8E

32, SW SE NE. R K Petroleum Corp. #1 Warthen Comm. Spd. 11-23-76.
Comp. 12-28-76. TD 3462'. IP 198 BO/20 BW. Aux Vases, top
3316-3324', nat. Springerton South. NEW PAY IN FIELD.
(This well was erroneously run as D&A in the December
1976 Drilling Report.)

32, SE SE NE. R K Petroleum Corp. #3 Warthen Comm. Spd. 12-18-76.
Comp. 1-13-77. TD 3337'. IP 115 BOF. Aux Vases, top 3326',
nat. Springerton South.

33, SW NW NW. Perry Fulk #1 Irene Tittle. Spd. 1-6-77. Comp. 1-15-77.
TD 3500'. D&A. Ste. Genevieve, top 3415' (approx.). Springerton
South.

5S, 8E

9, SE NE NW. R K Petroleum Corp. #2 Triple AAA Ranch. Spd. 11-28-76.
Comp. 1-18-77. TD 3497'. IP 55 BOP. Aux Vases, top 3319', frac.
Enfield North.

19, SE SW NE. J. D. Turner #1 Robert J. Wilson Comm. Spd. 9-27-75.
Comp. 10-4-75. TD 3375'. IP 200 BOP. Aux Vases, top 3326'.
Enfield. (Erroneously run as D&A in the December 1975
Drilling Report.)

WHITE COUNTY (continued)

6S, 10E

15, NW NE SW. Duke Resources Corp. #1-Maria John Fechter. Spd. 4-2-76.
Comp. 12-15-76. TD 5227'. IP 86 BOP. St. Louis, top 3280', mca.
Concord Consol.

WILLIAMSON COUNTY

8S, 4E

16, C N/2 SE SE. C. E. Brehm Drilg. & Prod. #1 May. Spd. 12-27-76.
Comp. 1-4-77. TD 3032'. D&A. Ste. Genevieve (Joppa), top
3016' (approx.). Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JANUARY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

25-10N-14W, 240'SL, 840'EL, NW NW. Frank A. Bridge #4 Poffinbarger. 486'.
12-28-76. Johnson North.
25-10N-14W, 1200'NL, 100'WL, NW. Frank Bridge #1 Lulu Poffinbarger. 1647'.
12-22-76. Johnson North.

CLAY COUNTY

8-4N-5E, NW SE SW. George F. Yocum #1 Blackwell. 2629'. 1-3-77. Iola Central.
10-4N-7E, SW NE NE. Kingwood Oil Co. #2 Grace McGary. 2896'. 1-18-76. Sailor Springs Consol.
3-5N-5E, NW NW SE. Thomas M. Kiernan #2 Post, formerly P. D. Lynch #2 Wade. 4078'. 12-29-76. Iola Consol.
3-5N-7E, NW SW NE. McKinney & Funderburk #2 Sparlin. 2542'. 12-21-76. Sailor Springs Consol.
27-5N-7E, 330'NL, 380'WL, SW SE. Shelby A. & Sylvia Britton #1 S. Groves. 3300'. 1-6-77. Sailor Springs Consol.

CRAWFORD COUNTY

6-6N-12W, NW NE NW. Olin M. Weaver #1 Ethel M. Wakefield et al. 1014'.
5-24-76. Main Consol.
15-6N-13W, Approx. 110'NL, 660'WL, SW SE. Ohio Oil Co. #12 Wakefield Heirs. 952'. 10-2-75. Main Consol.

HAMILTON COUNTY

11-6S-6E, NE NW NW. Hockman Oil Co. #2 Turner, formerly Texas Co. 3092'.
12-23-76. Dale Consol.

JEFFERSON COUNTY

14-1S-3E, SE NE SE. Wright Oil Co. #2 M. E. Hunt. 2796'. 12-16-76. Divide Consol.

LAWRENCE COUNTY

2-4N-13W, SE NW NE. Nation Oil Co. #1 Pland-Critchfield Comm. 1621'.
12-10-76. Lawrence.
11-4N-13W, NE SE NW. Wright Oil Co. #1 Bridgett Comm. 1764'. 12-7-76. Lawrence.

MARION COUNTY

31-4N-1E, SE NE NE. Louis Kapp #1 Houston. 1661'. 12-13-76. Patoka.

RICHLAND COUNTY

14-4N-9E, NE NE SW. A. A. Richey #A-1 Buerster. 3033'. 10-27-75. Clay City Consol.

SANGAMON COUNTY

22-15N-4W, NW NE SW. Erick P. Weber #1 Fleming, formerly Robert G. Fisher. 1680'. 12-31-76. Springfield East.

WABASH COUNTY

- 8-1N-12W, SW NE SE. Magnolia Petroleum Co. #1 John Payne. 1550'. 12-6-76. Allendale.
- 15-1N-12W, 330'NL, 330'EL, SW SW. John M. Zanetis #2 Hawf Comm. 2057'. 11-19-76. Allendale.
- 17-1N-12W, NE SW SW. Spartan Petroleum Co. #1 Alfred Harris. 1540'. 12-16-76. Allendale.
- 7-1S-12W, SW SE SW. Skiles Oil Corp. #8 Charles Chapman. 2110'. 12-28-76. (Water input, formerly a producer.) Mt. Carmel.
- 18-1S-12W, 720'NL, 1540'EL, NW. H & H Oil Co. #2-A C. F. Chapman, formerly Skiles Oil Corp. #W-2 Mt. Carmel WF Unit. 2085'. 12-16-76. (Oil producer, formerly a water input. Mt. Carmel.
- 18-1S-12W, 1219'NL, 1293'WL, NW. H & H Oil Co., Inc. #3-A C. F. Chapman. 1749'. 12-21-76. Mt. Carmel.
- 18-1S-12W, 1219'NL, 199'WL, NE. C. E. Skiles & Leach Bros. #7 Chas. Chapman. 2070'. 12-23-76. (Water input, formerly a producer.) Mt. Carmel.

WAYNE COUNTY

- 36-2N-9E, NW NW NE. Alco Oil & Gas Corp. #1 Laura Cox. 3275'. 12-1-76. Calhoun South.
- 1-1S-6E, 93'NL, 330'WL, SE. Deep Rock Oil Corp. #1 E. Eikleberry. 3218'. 12-27-76. Johnsonville Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

State of Illinois
Department of Registration and Education

I L L I N O I S S T A T E G E O L O G I C A L S U R V E Y

Urbana, Illinois 61801

MONTHLY REPORT

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

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APR 5 1977

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

DISCOVERIES

New Field

None

New Pay Zones in Fields

JOHNSONVILLE SOUTH. Wayne County, 11-1S-6E, St. Louis at 3280'. Discovery well, Republic Oil Co., Inc. #1 Pennington, IP 50 BOP, 2 BW, after acid.

Extensions to Fields

CLAY CITY CONSOLIDATED. Wayne County, 26-1S-6E, Ohara at 3148' and Salem at 3672'. Discovery well, J. & H. Oil Co. #1 Claudie I. Ralston, IP 20 BOP, 20 BW.

TABLE I

New Pools Discovered from March 1976 through February 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|-------------------|------|------|---------------------|------|------|
| <u>March 1976</u> | | | <u>September</u> | | |
| None | | | None | | |
| <u>April</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| None | | | Ferrin: | | |
| | | | Clinton County | 2N | 1W |
| <u>June</u> | | | Springerton South: | | |
| Hadley: | | | White County | 4S | 8E |
| Richland | 4N | 14W | | | |
| | | | <u>December</u> | | |
| Kell North: | | | None | | |
| Marion | 1N | 3E | | | |
| <u>July</u> | | | <u>January 1977</u> | | |
| None | | | None | | |
| <u>August</u> | | | <u>February</u> | | |
| Enfield North: | | | None | | |
| White County | 5S | 8E | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production in</u> | |
|-------------|---|---------------------------|---------------------------|--------------------------|------|----------------------|---------------------|--------------------|----------------------------|--------|
| | Field Wells | Discoveries Field Ext. | Newly Drilled Holes | Reworked Dry Holes | | Field Wells | Wildcat Near Far | Total New Tests | Thousands of Barrels | |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 84(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,680 |
| Feb. | 32 | 0 | 1 | 33 | 0 | 8 | 3 | 1 | 45 | 2,100 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1976 are from reports received directly from crude gathering companies. The figures for January and February 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, February 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|-----------|-------------------------------------|----------------|--------------------|-----|----------------------------|---------------|---------------|--------|-------------------------|
| | | | New Holes Prod. | D&A | OWWO D&A to Prod. | New | Conversions | | |
| | | | | | | | Were Prod. | Others | |
| | | | | | | | | | |
| Adams | 2 | - | - | - | - | - | - | - | - |
| Clark | 7 | 2 | 1 | 1 | - | - | - | - | - |
| Clay | 13 | 5 | 4 | - | - | - | 1 | - | - |
| Clinton | - | 2 | 1 | 1 | - | - | - | - | - |
| Coles | 1 | - | - | - | - | - | - | - | - |
| Crawford | 13 | 8 | - | 1 | - | 2 | - | - | 5 |
| Edwards | 3 | - | - | - | - | - | - | - | - |
| Effingham | 5 | - | - | - | - | - | - | - | - |
| Fayette | 5 | 4 | 3 | 1 | - | - | - | - | - |
| Franklin | 7 | - | - | - | - | - | - | - | - |
| Hamilton | 2 | 1 | 1 | - | - | - | - | - | - |
| Jasper | 1 | - | - | - | - | - | - | - | - |
| Lawrence | 1 | 4 | 3 | 1 | - | - | - | - | - |
| Macon | - | 1 | 1 | - | - | - | - | - | - |
| Madison | 2 | - | - | - | - | - | - | - | - |
| Marion | 1 | 2 | - | - | - | - | 1 | 1 | - |
| Monroe | 5 | 1 | 1 | - | - | - | - | - | - |
| Perry | 1 | - | - | - | - | - | - | - | - |
| Richland | 1 | 2 | - | 2 | - | - | - | - | - |
| Saline | - | 1 | - | - | - | - | - | 1 | - |
| Sangamon | 1 | 1 | 1 | - | - | - | - | - | - |
| Shelby | 1 | - | - | - | - | - | - | - | - |
| Wabash | 1 | 4 | 1 | 1 | - | 2 | - | - | - |
| Wayne | 25 | 17 | 13 | 4 | - | - | - | - | - |
| White | 5 | 3 | 3 | - | - | - | - | - | - |
| | 103 | 58 | 33 | 12 | - | 4 | 2 | 2 | 5 |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, January 27, 1977, through February 24, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, February 1977

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | - | 2 | 2 | - | - | - |
| Gallatin | - | 3 | - | 3 | - | - |
| Kankakee | - | 1 | - | - | - | 1 |
| | - | 6 | 2 | 3 | - | 1 |

o

Issued by Department of Mines and Minerals, Springfield, Illinois, January 27, 1977, through February 24, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

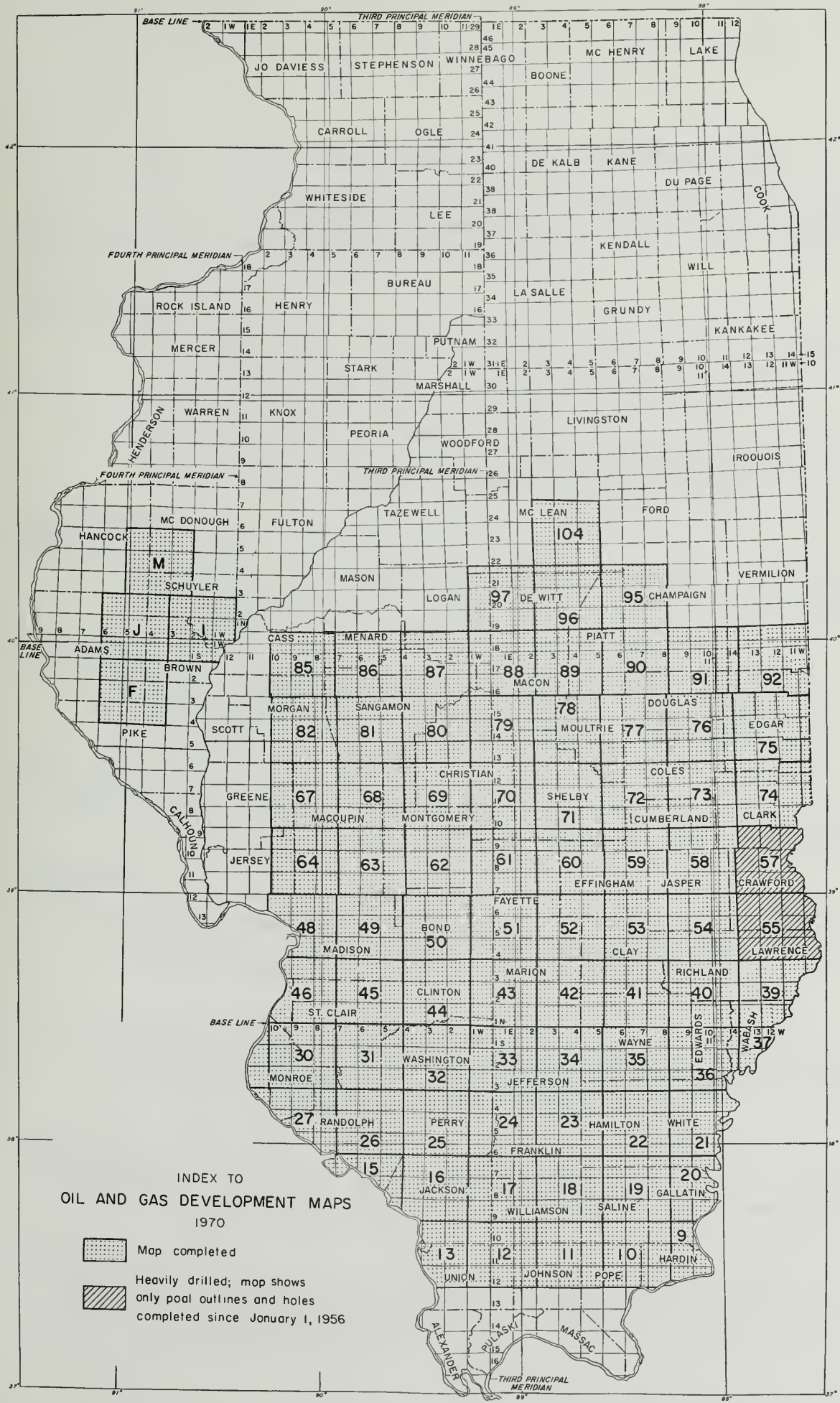
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS



All Beech Creek (Barlow) structural maps, including the addition of a map of the Allendale area, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977 and may be obtained for \$1.00 plus 5 percent tax for Illinois residents.



INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970

-  Map completed
-  Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM JANUARY 29, 1977 TO FEBRUARY 25, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

CHAMPAIGN COUNTY

21N, 7E

22, 67'SL, 175'EL, SW. Peoples Gas Light & Coke Co. #1 A. D. Springer. Spd. 5-11-76. Comp. 6-8-76. TD 4306'. Gas injection-withdrawal. Mt. Simon, top 4036'. Manlove Gas Storage Field.

22, 77'SL, 180'EL, NW. Peoples Gas Light & Coke Co. #4 G. Wisegarver. Spd. 4-11-76. Comp. 5-9-76. TD 4285'. Gas injection-withdrawal. Mt. Simon, top 3994'. Manlove Gas Storage Field.

CLARK COUNTY

10N, 13W

Irr. 31, 330'NL, 660'EL, SW NE. M. C. Milam #1 Washburn. Spd. 1-3-77. Comp. 1-10-77. TD 1000'. D&A. Formation and top not available. Martinsville.

11N, 14W

4, NE NE NW. Jack H. Mankin #3 Belva Turner. OWWO. Was Earnest Zink #1 Belva Turner. Was D&A. OTD 560'. Comp. 1-26-57. Recomp. 1-20-77. COTD 225'. Junked hole. Westfield.

12N, 14W

32, SE SW SE. John H. Ryan #4 Endsley. Spd. 4-16-76. Comp. 2-8-77. TD 376'. IP 3 BOP/9 BW. Westfield, top 320', acid. Westfield.

CLAY COUNTY

2N, 8E

17, SE SW NW. Partlow and Cochonour #4 E. Henderson. Spd. 9-22-76. Comp. 2-1-77. TD 3630'. IP 70 BOP. Salem, top 3568'. Clay City Consol.

3N, 7E

4, SE SW SE. Hagen Oil Co. #1 Armstrong. Spd. 11-15-76. Comp. 2-15-77. TD 3075'. Producer, IP not available. Cypress, top 2588'; Aux Vases, top 2871'; McClosky, top 2946'; St. Louis, top 3006', mca. Sailor Springs Consol.

4N, 5E

3, 330'SL, 430'EL, NE. Joe A. Dull #1 Sanders. Spd. 6-9-76. Comp. 2-8-77. TD 2631'. IP 10 BOP/15 BW. Spar Mountain, top 2551', acid. Iola South.

4N, 7E

13, 330'NL, 430'EL, SE NW. Robert E. Trimpe #7 Conley. Spd. 7-3-76. Comp. 2-1-77. TD 2606'. IP 5 BOP. Cypress, top 2596', frac. Sailor Springs Consol.

CLAY COUNTY (continued)

4N, 7E

- 34, C S/2 SW SW. Shelby A. & Sylvia Britton #1 Leo Eastin. OWWO.
Was Lowell & Leon Hagen. Was Aux Vases and Spar Mountain pro-
ducer. OTD 2995'. Comp. 11-26-64. Plugged 3-25-75.
Recomp. 2-15-77. COTD 2630'. IP 10 BOP/trace of water.
Cypress, top 2614'. Sailor Springs Consol.

4N, 8E

- 11, NE NE SE. Shakespeare Oil Co., Inc. #B-1 Iffert, Passport Unit.
Conversion. Was James L. Black #3 Veronica Iffert. Was McClosky
producer. Comp. 1-20-77. COTD 3019'. Water input.
McClosky, top 2998'. Passport.

CLINTON COUNTY

2N, 3W

- 11, SW NE NE. Elmer Oelze, Jr. #2 Deters. Spd. 10-18-76. Comp.
11-1-76. TD 1075'. D&A. Cypress, top 1026'. Carlyle.

3N, 4W

- 36, 333'SL, 333'EL, Sec. Harold G. K. Agne & Ottis N. Hostmeyer #1-A
Ottis N. Hostmeyer. Spd. 9-3-74. Comp. 11-1-74. TD 2208'.
IP 10 BOP/15 BW. Devonian, top 2204', acid. Frogtown North.

CRAWFORD COUNTY

6N, 12W

- 31, NW NW SE. Jack J. Grynberg #1 Lester Highsmith. OWWO. OWDD.
Was Skiles Oil Corp. #P-1 Highsmith. Was Pennsylvanian producer.
OTD 960'. Comp. 5-22-51. Plugged 7-27-59. Recom.
2-15-77. DTD 3425'. Temp. abd. Silurian, top 3367'.
Main Consol.

7N, 12W

- 21, 339'NL, 440'EL, SE SW. Scates Exploration Co. #1 Eugene V. Dabney.
Spd. 11-8-76. Comp. 11-16-76. TD 3050'. D&A. Devonian, 2900'
(approx.). Main Consol.

7N, 13W

- 21, 386'SL, 615'WL, SE NE. Marathon Oil Co. MM-5 Francis Wood. Spd.
9-9-74. Comp. 9-17-74. TD 1017'. Water input. Robinson, top
980'. Main Consol.

- 21, 70'SL, 950'EL, NE. Marathon Oil Co. MM-6 Francis Wood. Spd.
5-14-74. Comp. 5-24-74. TD 1030'. Water input. Robinson, top
979' (GL datum). Main Consol.

DOUGLAS COUNTY

15N, 7E

- 26, SE SE NE. Joyce Botts #3 Kamm. Conversion. Was temp. abd. dry
hole. OTD 1738'. Comp. 3-31-76. Recom. 1-15-77 (est.).
TD 604'. SWD. Pennsylvanian, top 576'. Bourbon South.
(Was erroneously run as D&A in April 1976 Drilling
Report.)

FAYETTE COUNTY

9N, 2E

36, SE SW NE. Franklin Oil Co., Inc. #1 C. Wehrle. Spd. 12-20-76.
Comp. 1-6-77. TD 3312'. D&A. Geneva, top 3306'. WF.

9N, 3E

35, 330'SL, 380'EL, NE SE. Texill Energy Corp. #1 Mary Baker. Spd.
10-16-76. Comp. 12-1-76. TD 1662'. IP 20 BOP/10 BW. Bethel,
top 1595', frac. Louden.

35, SW NE SE. Texill Energy Corp. #3 Mary Baker. Spd. 9-5-76.
Comp. 10-10-76. TD 1656'. IP 30 BOP/5 BW. Bethel, top 1602',
frac. Louden.

35, NE NE SE. Texill Energy Corp. #4 Mary Baker. Spd. 11-1-76. Comp.
12-1-76. TD 1653'. IP 10 BOP/10 BW. Bethel, top 1605', frac.
Louden.

GALLATIN COUNTY

7S, 9E

28, SE NE SW. Egyptian Gas Storage Corp. #2 Mills. Conversion. Was
N & W Drilling Co. #2 Mills. Was Tar Springs gas well. OTD
2306'. Comp. 6-27-50. Recomp. 2-27-75. COTD 2296'. Gas
injection-withdrawal. Tar Springs, top 2280'. Herald
Consol.

28, SE SE SW. Egyptian Gas Storage Corp. #1 Mills. Conversion. Was
Mealy & Wolfe #1 L. M. Mills. Was Tar Springs gas well. OTD
2331'. Comp. 10-14-47. Recomp. 2-2-75. COTD 2331'. Gas
injection-withdrawal. Tar Springs, top 2289'. Herald
Consol.

8S, 8E

3, SW NW SE. Egyptian Gas Storage Corp. #1 Edwards Comm. Conversion.
Was Coy Oil Co. #1 Edwards Comm. Was D&A. OTD 2959'. OWWO by
Mt. Carmel Drilling Co. for Palestine gas well. Comp.
10-8-53. Recomp. 2-27-75. COTD 1900'. Gas injection-
withdrawal. Palestine, top 1825'. Omaha.

HAMILTON COUNTY

6S, 5E

23, NW SE SE. L & M Oil Co. #1 Max Warren. Spd. 5-16-76. Comp. 1-77.
TD 3183'. IP 30 BOP. Ohara, top 3176', acid. Dale Consol.

KANKAKEE COUNTY

30N, 10E

Irr. 33, 60'SL, 50'WL, NE SW. Natural Gas Pipeline Co. of America M-1
Storage. OWDD. Conversion. Was Mt. Simon gas injection-withdrawal.
OTD 2612'. Comp. 6-29-65. Recomp. 1-16-75. DTD 2774'.
SWD. Mt. Simon, top 2611'. Herscher Gas Storage Field.

LAWRENCE COUNTY

3N, 11W

33, SW SE SW. Walter R. McClure #1 A. McClure. Spd. 12-7-76. Comp. 1-25-77. TD 1919'. IP 8 BOP. Spar Mountain, top 1849', mca and frac. Lawrence.

3N, 13W

14, NE NW NE. Reinhold Oil Producers 4-A Johnson Comm. Spd. 11-5-76. Comp. 11-20-76. TD 2670'. IP 70 BOP/50 BW. McClosky, top 2240', frac. Lawrence West. (This well was erroneously run as an Aux Vases and Ohara producer in the November 1976 Drilling Report.)

4N, 13W

25, NW NE NW. Schlensker Drlg. Corp. #1 Gene Lewis. Spd. 1-26-77. Comp. 2-3-77. TD 1940'. D&A. McClosky, top 1903' (approx.). Lawrence.

5N, 13W

35, C E/2 SE NE. Jerry E. Friend #1-A Nancy J. Updike. Spd. 9-28-76. Comp. 11-1-76. TD 2370'. IP 30 BOP/10 BW. Salem, top 2140', acid. Lawrence.

Irr. 36, 660'SL, 330'EL, SW NW. Schlensker Drlg. Corp. #1 R. A. Gotshalk et al. Spd. 4-13-76. Comp. 2-8-77. TD 1774'. Producer, IP not available. McClosky, top 1710', frac. Lawrence.

MACON COUNTY

16N, 1E

36, 400'SL, 330'EL, SW NE. W. A. Corley #1 Chesler R. and Allie R. Hill. Spd. 10-12-76. Comp. 10-76. TD 2201'. Producer, IP not available. Silurian, top 2176', frac. Harristown South.

MADISON COUNTY

6N, 6W

21, SE SW SE. Louis H. Kapp, Jr. #2A Repovsch. Abd. loc. Livingston South.

MARION COUNTY

2N, 2E

29, 974'SL, 270'EL, SW NE. Texaco, Inc. #18 J. R. Young, O/A Salem Unit, Tract 58. Conversion. Was Magnolia Petroleum Co. #18 J. R. Young. Was Devonian producer, deepened to Trenton producer, temp. abd. 4-20-59. OTD 4625'. Comp. 1-30-40. Recomp. 1-22-77. COTD 3430'. Water input. Devonian, top 3368'. Salem Consol.

3N, 3E

Irr. 30, 990'SL, 330'WL, SE NE. Kenneth E. Beeman #2 Donoho. Abd. loc. Brubaker.

32, SW SW SW. Richard W. Beeson #1-I Raymond Sanders. OWWO-OWDD-Conversion. Was Amoco Production Co. #1 Raymond Sanders. Was D&A. OTD 3942'. Comp. 5-11-73. Recomp. 2-17-75. TD 4001'. Water input. Devonian, top 3905'. Brubaker.

MONROE COUNTY

1S, 10W

- 35, SW SE SW. John W. Kelly #1 Theobald. Spd. 10-27-76. Comp.
1-24-77. TD 433'. IP 50 BOP/2 BW. Trenton, top 344', acid.
Waterloo.

RICHLAND COUNTY

2N, 9E

- 12, SW NE NE. Kenneth R. Freed #1 Newton. OWWO. Was Pure Oil Co. &
J. J. Lynn #1 George Claycomb. Was plugged Spar Mountain and
McClosky producer. OTD 3180'. Comp. 10-1-46. Recomp.
2-1-77. COTD 3180'. D&A. McClosky, top 3121'.
Calhoun Consol.

2N, 10E

- Irr. 7, 330'NL, 330'WL, NE SW. Donald E. Schmitt #1 C. Weaver Estate.
Spd. 2-4-77. Comp. 2-14-77. TD 3857'. D&A. Salem, top 3466'.
Calhoun Consol.

- 27, SW SW SE. Juniper Petroleum Corp. #58-27 Knakmuhs. Spd. 1-24-77.
Comp. 2-4-77. TD 4096'. D&A. Ullin, top 3980' (approx.). WN -
Parkersburg West.

3N, 10E

- Irr. 18, 330'SL, 330'WL, SE. Robert B. Britton #1 W. Hinkle. Abd.
loc. Olney South.

SALINE COUNTY

7S, 6E

- 36, SW NE NE. Ill. Mid-Continent & Dee Drilling #1 Lloyd B. Moore.
OWWO. Conv. Was Ill. Mid-Cont. & Dee Drilg. Co. #1 L. B. Moore.
Was plugged Spar Mountain producer. Comp. 7-3-74. Recomp.
10-31-75. COTD 2645'. Water input. Cypress, top
2625'. Raleigh.

SANGAMON COUNTY

15N, 3W

- 5, 580'NL, 330'WL, SW SW. Eugene Bell #1 W. E. Bell. Spd. 11-20-76.
Comp. 2-14-77. TD 1675'. IP 9 BOP. Hibbard, top 1652' (approx.).,
frac. Roby West.

WABASH COUNTY

1N, 14W

- 36, SW NE NE. Hocking Oil Co., Inc. #1 Reeves et al. Comm. Spd.
1-17-77. Comp. 2-4-77. TD 3660'. D&A. Salem, top 3313'. WN -
Gards Point Consol.

1S, 12W

- 9, 330'SL, 418'WL, SE NE. Southern Triangle Oil Co. #D-2 Jacob
Zimmerman. Spd. 6-28-76. Comp. 12-21-76. TD 4165'. IP 5 BOP/
15 BW. Salem, top 2720'. Mt. Carmel. (This well was
erroneously run in the December 1976 Drilling Report
as a Devonian producer and new pay in the field.)

WABASH COUNTY (continued)2S, 13W

Irr. 10, 130'SL, 1140'EL, SE. Amax Coal Co. #1 Amax SWD. Spd. 10-3-74.
Comp. 10-22-74. TD 2175'. SWD. Tar Springs, top 2037'.
Rochester.

27, 55'SL, 115'WL, NW NW. Amax Coal Co. #2 Amax SWD. Spd. 5-16-75.
Comp. 6-6-75. TD 2196'. SWD. Tar Springs, top 2102'. Keensburg
South.

Irr. 31, 360'SL, 330'WL, NE. Sigma Oil Co. #5 Winiford Gray. Spd.
10-27-76. Comp. 2-8-77. TD 2614'. IP 15 BOP/3 BW. Cypress,
top 2457', frac. New Harmony Consol.

WAYNE COUNTY1N, 7E

21, NW SE SE. Samuel L. Wood #1 Arthur Brach. OWDD. Was N. V. Duncan.
Was Aux Vases and Ohara producer. OTD 3239'. Comp. 9-16-58.
Recomp. 12-30-76. DTD 3892'. D&A. Warsaw, top 3881'.
Clay City Consol.

1N, 8E

9, SE NE SE. Booth Oil Co., Inc. #1-A Taylor. Abd. loc. Clay City
Consol.

16, SW SE NE. Republic Oil Co., Inc. #1 Hohlbaugh. Spd. 10-9-76.
Comp. 11-15-76. TD 3756'. IP 25 BOP/10 BW. Salem, top 3608'
(perms.), acid. Clay City Consol.

1N, 9E

12, NW SE SE. Black & Black Oil Co. #2 Koenecke Heirs. Spd. 1-3-77.
Comp. 2-11-77. TD 3740'. D&A. Salem, top 3635'. Maple Grove
Consol.

22, NW SE SE. Energy Resources Corp. #1 L. G. Bennett. Spd. 4-6-76.
Comp. 11-17-76. TD 3370'. IP 2 BOP/lots of water. Ohara, top
3308', acid; Spar Mountain, top 3321', acid. Maple Grove
Consol.

1S, 5E

27, NE NE SW. Fletcher F. Farrar #1 C. E. Johnson. Spd. 12-22-76.
Comp. 2-8-77. TD 3700'. IP 325 BOP. Salem, top 3614'.
Keenville.

27, 430'SL, 330'WL, NW SW. Fletcher F. Farrar #2 Roy Reed. Spd.
1-6-77. Comp. 2-15-77. TD 3713'. IP 250 BOP/10 BW. Salem,
top 3622'. Keenville.

1S, 6E

Irr. 4, 990'SL, 330'EL, NW. Van Fossan Associates #2 H. L. Harrell.
Spd. 11-22-76. Comp. 1-5-77. TD 3921'. IP 192 BOP/0 BW.
Salem, top 3616', acid. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

- Irr. 4, 1650'SL, 330'EL, NW. Van Fossan Assoc. #3 H. L. Harrell.
Spd. 1-8-77. Comp. 1-22-77. TD 3890'. D&A. Ullin, top 3875'
(approx.). Johnsonville Consol.
- 11, SW SW NW. Republic Oil Co., Inc. #1 Pennington. Spd. 10-13-76.
Comp. 11-15-76 (est.). TD 3800'. IP 50 BOP/2 BW. St. Louis,
top 3280', acid. Johnsonville South. NEW PAY IN FIELD.
- 11, NW NE SW. Booth Oil Co., Inc. #1 J. Taylor. Spd. 12-17-76.
Comp. 2-9-77. TD 3812'. IP 108 BOP/0 BW. Spar Mountain, top
3156', acid. Johnsonville South.
- 13, NW SW NW. Van Fossan Associates #1 Mary Hilliard. Abd. loc.
Johnsonville South.
- 23, NE SW NW. Robinson Production, Inc. #2 Fansler. Spd. 12-16-76.
Comp. 2-10-77. TD 3800'. IP 30 BOP/10 BW. Spar Mountain, top
3142'; Salem, top 3733', acid. Johnsonville South.
- 23, NW NE SW. Fletcher F. Farrar #1 Delmar Trotter. Spd. 12-8-76.
Comp. 1-15-77. TD 3795'. IP 35 BOP/some water. Salem, top
3576', acid. Johnsonville South.
- 26, NW NW NE. J & H Oil Co. #1 Claudie I. Ralston. Spd. 10-14-76.
Comp. 1-6-77. TD 3970'. IP 20 BOP/20 BW. Ohara, top 3148',
acid; Salem, top 3672', acid. EXTENSION TO CLAY CITY CONSOL.
FIELD.

1S, 7E

- 27, NE SW SW. Hobson Oil Co. #1 Harris-Sprague Comm. Spd. 12-31-76.
Comp. 1-24-77. TD 4125'. D&A. Warsaw, top 4024'. Clay
City Consol.

2S, 6E

- 32, NE SE SW. Comanche Oil Corp. #2 Parker. Spd. 12-22-76. Comp.
2-8-77. TD 4278'. IP 80 BOP/30 BW/8 hrs. Ullin, top 4232',
acid. Mayberry.

2S, 7E

- 23, NW NE NW. Richard W. Beeson #1 N. Pearl McCall. Spd. 1-14-77.
Comp. 2-1-77. TD 4245'. D&A. Ullin, top 4216'. WN - Aden
Consol.
- 34, NW SE NW. Runyon Oil Exploration, Inc. #1 Lawrence and Lang
Comm. Spd. 8-28-76. Comp. 12-20-76. TD 4276'. IP 20 BOP/20 BW.
Ohara, top 3310', acid. Aden Consol.

2S, 9E

- 31, NE NE SW. Runyon Oil Exploration, Inc. #1 Cynthia Laws Comm.
Spd. 9-30-76. Comp. 11-20-76 (est.). TD 3452'. IP 40 BOP/15 BW.
Aux Vases, top 3301'; acid and frac.; Spar Mountain, top
3405', acid and frac. Goldengate Consol.

WHITE COUNTY

5S, 8E

9, SW NE NW. RK Petroleum Corp. #3 Triple AAA Ranch. Spd. 12-16-76.
Comp. 2-15-77. TD 3413'. IP 75 BOP. Aux Vases, top 3350', frac.
Enfield North.

5S, 10E

13, SE SW SW. Richard W. Beeson #1 Wilburn Duvall. Spd. 10-31-76.
Comp. 12-30-76. TD 3077'. IP 10 BOP/2 BW. Spar Mountain, top
3072', acid. Maunie North Consol.

7S, 8E

17, 330'NL, 365'EL, NW. L & M Oil Co. #1 Othelo South et al. Spd.
9-15-76. Comp. 2-8-77. TD 3081'. IP 30 BOP/30 BW. Aux Vases,
top 2943'; McClosky, top 3072', frac. Roland Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH FEBRUARY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

26-10N-14W, 760'NL, 340'EL, NE. Frank A. Bridge #6 Poffinbarger. 500'.
12-16-76. Johnson North.

CLAY COUNTY

10-2N-7E, 330'SL, 330'EL, NW. Shelby A. Britton #2 Delaney. 2990'. 2-11-77.
Clay City Consol.
10-2N-7E, 380'NL, 380'EL, NW. Shelby A. Britton #1 R. Delaney. 3115'.
2-9-77. Clay City Consol.

COLES COUNTY

27-13N-7E, NW NE NE. Har-Ken Oil Co. #W-3 W. H. Tracy, formerly Development Associates Inc. #1-B. 1922'. 2-7-77. (Water input, formerly a producer.) Mattoon North.

CRAWFORD COUNTY

6-5N-12W, 250'NL, 250'EL, NW NE NW. Riddle Oil Co. #19 A. W. Mann. 950'.
7-2-76. Main Consol.
10-5N-12W, 165'NL, 165'WL, NE SW NW. Ohio Oil Co. #3 A. L. Maxwell. 1043'.
10-31-75. Main Consol.
20-6N-12W, 220'NL, 220'WL, SW NW SW. Ohio Oil Co. #2 W. A. Eagleton. 982'.
10-21-75. Main Consol.
27-6N-12W, 177'NL, 653'WL, NW. Associated #3 E. Callahan. 977'. 6-15-76.
Main Consol.
15-6N-13W, 120'NL, 630'WL, NW SW. Lee Oil Co. #7 Bassom. 952'. 7-9-75.
Main Consol.
15-6N-13W, 400'SL, 200'WL, NE SW. Ohio Oil Co. #9 W. Mann. 938'. 9-24-75.
Main Consol.
15-6N-13W, 900'SL, 220'WL, NE SW. Ohio Oil Co. #10 W. Mann. 965'. 9-6-75.
Main Consol.
15-6N-13W, 675'NL, 210'WL, NW SE. Ohio Oil Co. #10 Wakefield Heirs. 951'.
10-6-75. Main Consol.
22-6N-13W, 200'NL, 190'WL, NE NE. Red Bank #10 Charles Martin. 968'.
9-23-75. Main Consol.
3-7N-13W, 660'NL, 100'EL, SE NE. Freehold #1 Evans. 960'. 6-9-76. Main Consol.
3-7N-13W, 330'NL, 330'EL, NE SW SE. Freehold #3 Cooley. 990'. 11-17-75.
Main Consol.
3-7N-13W, 200'SL, 75'EL, SW NW SW. W. G. Kennedy Co. #10 Caroline Wilkin. 987'. 11-13-75. Main Consol.
3-7N-13W, 440'SL, 240'EL, NW SW. W. G. Kennedy Co. #12 Caroline Wilkin. 1001'. 11-7-75. Main Consol.
11-7N-13W, 200'SL, 200'EL, SE SW. Ohio Oil Co. #D-4 J. W. Darrough. 929'.
11-11-76. Main Consol.
11-7N-13W, 330'NL, 200'WL, SW SW SE. Ohio Oil Co. #6 T. C. Randolph. 955'.
6-20-75. Main Consol.
11-7N-13W, 330'NL, 0'WL, SE SW SE. Ohio Oil Co. #7 T. C. Randolph. 958'.
11-21-75. Main Consol.

CRAWFORD COUNTY (continued)

- 15-7N-13W, 220'NL, 200'EL, SW NE. Ohio Oil Co. #5 M. D. Eaton Acct. #2.
974'. 8-13-75. Main Consol.
- 17-7N-13W, 10'NL, 240'EL, SE SE NE. Ohio Oil Co. #3 Alva M. Wilkin. 995'.
10-13-75. Main Consol.
- 17-7N-13W, 100'NL, 660'WL, SE NE. Ohio Oil Co. #5 Alva M. Wilkin. 943'.
10-9-75. Main Consol.
- 19-7N-13W, 180'SL, 180'WL, SE NE NW. Associated Producers #1 S. E. Wilkin.
1034'. 1-5-76. Main Consol.
- 19-7N-13W, 180'SL, 180'WL, NE NE SW. Associated Producers #2 Sarah Wilkin.
1062'. 1-6-76. Main Consol.
- 19-7N-13W, 480'SL, 180'WL, SE NE NW. Associated Producers #3 Sarah Wilkin.
970'. 1-23-76. Main Consol.
- 30-7N-13W, 330'NL, 330'WL, NW SE NW. Mahutska #5 Reedy. 962'. 9-15-75.
Main Consol.
- 30-7N-13W, 330'NL, 330'WL, SE SE NW. Mahutska #6 Reedy. 995'. 9-19-75.
Main Consol.
- 30-7N-13W, 165'NL, 660'WL, SE NW. Mahutska #9 Reedy. 957'. 9-5-75. Main
Consol.

EDWARDS COUNTY

- 8-1N-14W, NE NE SW. Bridger Basin Oil Corp. #1 William Schmidt. 3085'.
1-2-75. Parkersburg South.

LAWRENCE COUNTY

- 5-3N-12W, 660'SL, 683'EL, SW NE. Ohio Oil Co. #18 S. M. Eshelman. 1075'.
9-30-76. Lawrence.

WHITE COUNTY

- 3-7S-10E, NW NE NE. Sohio Petro. Co. #B-1 R. E. Pearce. 2158'. 1-31-77.
Concord East Consol.

WILLIAMSON COUNTY

- 15-8S-3E, 850'SL, 450'EL, SE. C. E. Brehm Drlg. & Prod. #1 Mutual Oil & Gas.
2757'. 10-25-75. Johnston City East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. 41 The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
1971-M.
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (May 1, 1973).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

None

New Pay Zones in Fields

- BRUBAKER. Marion County, 30-3N-3E, St. Louis at 2510'. Discovery well, Edward C. Koch #1 Soutier, oil well, IP not available.
- MATTOON. Coles County, 2-11N-7E, Salem at 2230'. Discovery well, Harry J. Adams #0-1 Elmer Ganley, IP 11 BOP, 11 BW.
- RINARD NORTH. Wayne County, 33-2N-7E, Ohara at 3126'. Discovery well, Perry Fulk #3 Knapp (OWWO, was plugged McClosky producer), IP 4 BOP, 10 BW from Ohara and McClosky.

Extensions to Fields

- TEUTOPOLIS. Effingham County, 35-9N-6E, Spar Mountain at 2420'. Discovery well, William F. Masters #1 Siemer, IP 30 BOP.

TABLE I

New Pools Discovered From April 1976 through March 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|-------------------|------|------|---------------------|------|------|
| <u>April 1976</u> | | | <u>October</u> | | |
| None | | | None | | |
| <u>May</u> | | | <u>November</u> | | |
| None | | | Ferrin: | | |
| | | | Clinton County | 2N | 1W |
| <u>June</u> | | | Springerton South: | | |
| Hadley: | | | White County | 4S | 8E |
| Richland | 4N | 14W | <u>December</u> | | |
| Kell North: | | | None | | |
| Marion | 1N | 3E | <u>January 1977</u> | | |
| <u>July</u> | | | None | | |
| None | | | <u>February</u> | | |
| <u>August</u> | | | None | | |
| Enfield North: | | | <u>March</u> | | |
| White County | 5S | 8E | None | | |
| <u>September</u> | | | | | |
| None | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production in</u> | |
|-------------|---|----------------------|------|---------------------------|--------------------------|----------------------|-----------------|-----|-----------------------|----------------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests | Thousands of Barrels |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 84(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,730 |
| Feb. | 32 | 0 | 1 | 33 | 0 | 8 | 3 | 1 | 45 | 1,910 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,100 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through December 1976 are from reports received directly from crude gathering companies. The figures for January, February, and March 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, March 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to Prod. | New | Conversions Were | | |
| | | | Prod. | D&A | Prod. | | Prod. | Others | |
| Adams | - | 1 | - | 1 | - | - | - | - | - |
| Bond | 1 | 2 | 2 | - | - | - | - | - | - |
| Clark | 7 | 3 | 1 | 2 | - | - | - | - | - |
| Clay | 3 | 3 | 3 | - | - | - | - | - | - |
| Clinton | - | 1 | - | 1 | - | - | - | - | - |
| Coles | 3 | 5 | 4* | 1 | - | - | - | - | - |
| Crawford | 16 | 8 | 5 | 3 | - | - | - | - | - |
| Cumberland | 1 | - | - | - | - | - | - | - | - |
| DeKalb | 2 | - | - | - | - | - | - | - | - |
| Douglas | 1 | - | - | - | - | - | - | - | - |
| Edwards | 1 | 1 | - | 1 | - | - | - | - | - |
| Effingham | 5 | 1 | 1 | - | - | - | - | - | - |
| Fayette | 2 | 2 | 2 | - | - | - | - | - | - |
| Franklin | 3 | 2 | - | 2 | - | - | - | - | - |
| Gallatin | 3 | 1 | - | 1 | - | - | - | - | - |
| Hamilton | - | 1 | - | - | - | - | 1 | - | - |
| Jasper | 2 | - | - | - | - | - | - | - | - |
| Jefferson | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Johnson | 4 | 1 | - | 1 | - | - | - | - | - |
| Lawrence | - | 15 | 3 | - | 1 | 11 | - | - | - |
| Macon | 1 | - | - | - | - | - | - | - | - |
| Madison | - | 1 | - | 1 | - | - | - | - | - |
| Marion | 1 | 3 | 1 | - | - | - | 2 | - | - |
| Monroe | 7 | 1 | - | - | - | 1 | - | - | - |
| Perry | 1 | - | - | - | - | - | - | - | - |
| Richland | - | 6 | 1 | 2 | 2 | - | 1 | - | - |
| Saline | 3 | 1 | 1 | - | - | - | - | - | - |
| Wabash | 1 | 6 | 3 | 1 | 1 | - | 1 | - | - |
| Wayne | 16 | 17 | 9 | 5 | 3 | - | - | - | - |
| White | 9 | 9 | 6 | 3 | - | - | - | - | - |
| | 96 | 93 | 43 | 26 | 7 | 12 | 5 | - | - |

* Includes 1 gas well.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, February 25, 1977, through March 31, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, March 1977

| County | Permits to drill ^o | Total Comp | Injection & Withdrawal | | Service Wells | |
|----------|----------------------------------|---------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Kankakee | - | 2 | 2 | - | - | - |
| McLean | <u>4</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 4 | 2 | 2 | - | - | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, February 25, 1977, through March 31, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

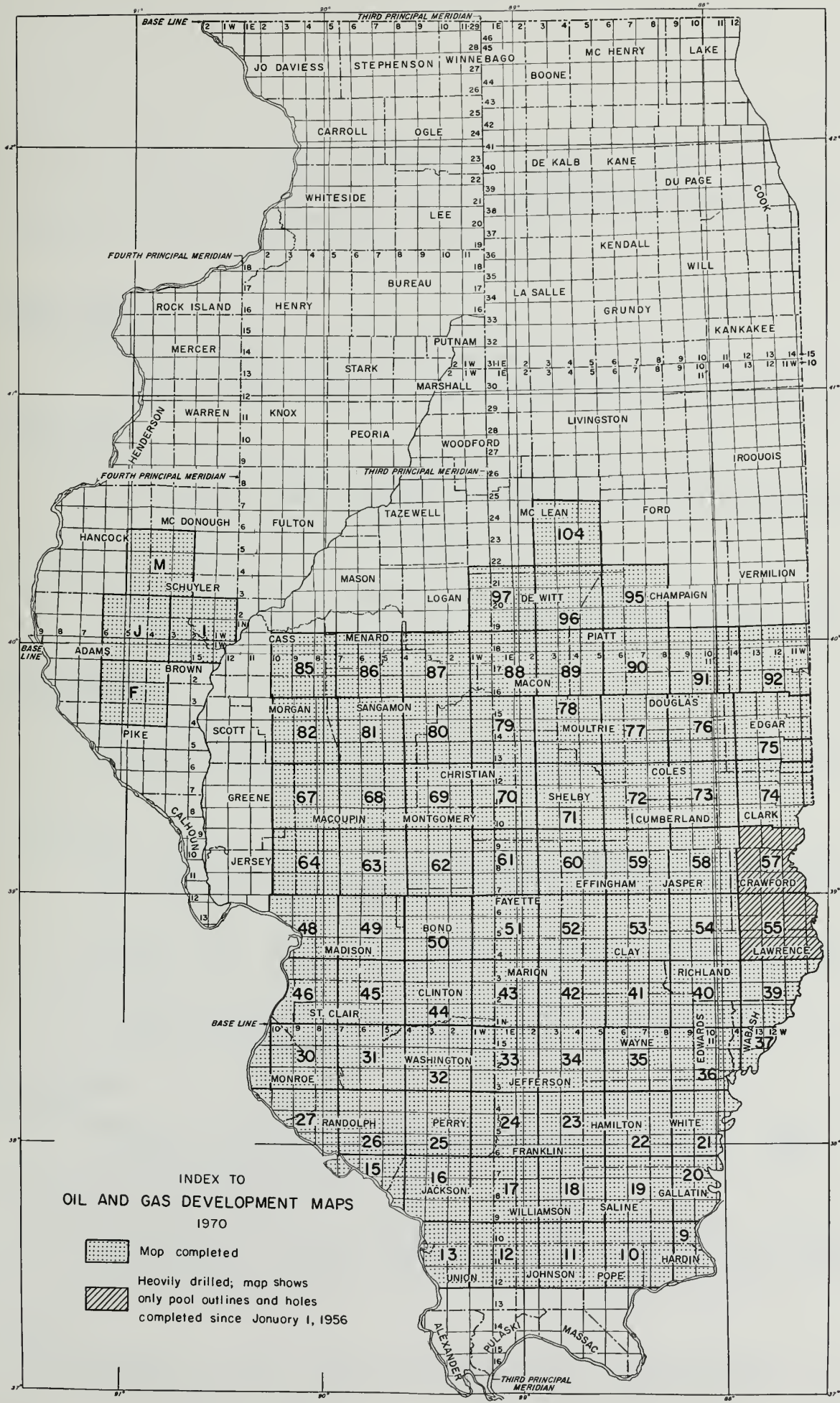
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All beech Creek (Barlow) structural maps, including the addition of a map of the Allendale area, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970



Map completed



Heavily drilled; map shows
only pool outlines and holes
completed since January 1, 1956

WELLS COMPLETED FROM FEBRUARY 26, 1977 TO APRIL 1, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 1, SW SE SW. Claude McElvain #1 Raymond Fearneyhaugh. Spd. 11-20-76.
Comp. 2-22-77. TD 895'. D&A. Trenton, top 842'. Kellerville.

BOND COUNTY

5N, 4W

- 22, 330'NL, 430'EL, SE NE. Arnold Wilson #5 K. J. Dillman. Spd. 11-15-76. Comp. 2-11-77. TD 549'. IP 2BOP/tr. of wtr. Pennsylvanian, top 540', frac. Old Ripley.

6N, 2W

- 9, 330'NL, 380'EL, SE SE. Goose Creek Oil #3-A Nilson. Spd. 10-9-71.
Comp. 11-15-71 est. TD 3223'. Oil well, IP NA. Trenton, top 3196'. Woburn Consol.

CLARK COUNTY

9N, 14W

- 2, 330'NL, 430'EL, NE SW NE. Kenneth E. Beeman #1 Gard-Weaver. Spd. 4-7-75. Comp. 3-1-77. TD 347'. D&A-So. Pennsylvanian, top 344'. Johnson North.

11N, 14W

- 4, 380'NL, 360'WL, NE NW. Jack H. Mankin #1 Belva Turner. Spd. 11-24-76. Comp. 3-1-77. TD 310'. IP 3 BOP. Pennsylvanian, top 303', St. Louis Salem, top 306'. Westfield.

- 4, 380'NL, 940'WL, NE NW. Jack H. Mankin #3 Belva Turner. Spd. 12-15-76. Comp. 1-13-77. TD 225'. Junked hole. Westfield.

- 4, NE NE NW. Ernest Zink #1 Belva Turner. Was erroneously run in February 1977 Drlg. Report as having been reworked.

CLAY COUNTY

2N, 7E

- 14, SE NW SE. John M. Zanetis #C-1 Shelton. Spd. 12-13-76. Comp. 3-1-77. TD 3632'. IP 325 BOP. Aux Vases, top 2952', frac. Clay City Consol.

- 15, C S/2 NE NE. David F. Herley #1 Dale Frost. OWDD. Was James F. McCollum #1 D. Frost. Was D&A, OTD 3014'. Comp. 6-8-76. Recom. 3-10-77. DTD 3693'. D&A. Salem, top 3430' (approx.). Clay Consol.

2N, 8E

- 9, SE SW NW. H.A.V.E. Oil Co. Inc. #1-A Henry. Spd. 3-3-76 est. Comp. 5-1-76 est. TD 3590'. IP 7 BOP/30 BW. Salem, top 3517', mca. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

- 17, C N/2 NW SW. Partlow & Cochonour #6 Laura Skelton. Spd. 12-4-76.
Comp. 1-20-77. TD 3660'. IP 20 BOP/20 BW. Salem, top 3530', acid.
Clay City Consol.

CLINTON COUNTY

1N, 2W

- 20, SE NE NW. Ego Oil Co., Inc. #1 Walter Monken, Spd. 7-12-76. Comp.
7-14-76. TD 1475'. D&A. Ste. Genevieve, top 1460' (approx.).
WN-Posey East.

COLES COUNTY

11N, 7E

- 2, 330'SL, 430'WL, NW NW. Harry J. Adams #0-1 Elmer Ganley. Spd. 11-2-
76. Comp. 3-13-77. TD 2250'. IP 11 BOP/11 BW. Salem, top 2230',
mca. Mattoon. NEW PAY IN FIELD.

- 3, 990'SL, 890'EL, NE. Mattoon Energy Producers, Inc. #1 Gray Unit.
Spd. 5-3-76. Comp. 7-22-76. TD 3263'. IP 500 MCF Gas/Day.
Devonian, top 3148', acid. Mattoon.

12N, 7E

- Irr. 2, 990'SL, 1650'EL, SE. James R. Covington #4C Oliver. Spd.
11-12-76. Comp. 12-12-76 est. TD 1792'. IP 80BOP/30 BW. Cypress,
top 1728', frac. Mattoon.

- Irr. 2, 1650'SL, 330'EL, SE. James R. Covington #3F Oliver. Spd.
10-22-76. Comp. 11-23-76. TD 1317'. IP 30BOP/60 BW. Cypress,
top 1744', mca & frac. Mattoon.

13N, 10E

- 10, SE SW SW. Harry J. Adams #1 C. K. Centers. Spd. 11-22-76. Comp.
12-1-76. TD 515'. D&A. Pennsylvanian, top 465' (est.). WF

CRAWFORD COUNTY

5N, 12W

- Irr. 2, 330'SL, 330'WL, NW SW. M. L. Rich #1 Paul McDade. Spd. 1-26-77.
Comp. 2-8-77. TD 1546'. D&A. Ste. Genevieve, top 1523'. Main
Consol.

- Irr. 8, 530'SL, 330'EL, NE SE. M. L. Rich #1 Willard B. Butcher. Abd.
loc. Main Consol.

5N, 13W

- 1, SE SW NW. Energy Resources of Ind., Inc. #9 Price-Valdez Comm. Spd.
12-13-76. Comp. 3-1-77. TD 1464'. IP 60 BOP. B. Pennsylvanian,
top 1222'. Main Consol.

- 2, SW NE SE. Energy Resources of Ind., Inc. #4 Richart Heirs. Spd.
12-7-76. Comp. 3-22-77. TD 1375'. IP 60 BOP. Pennsylvanian, top
1264'. Main Consol.

- 2, 1680'NL, 1000'EL, SE. Energy Resources of Ind., #6 Richart Heirs.
Spd. 1-24-77. Comp. 3-22-77. TD 1411'. IP 65 BOP. Pennsylvanian,
top 1305'. Main Consol

CRAWFORD COUNTY (continued)

6N, 14W

Irr. 2, 330'SL, 330'EL, SW. Richard Czerwonka #1 Shroyer-Athey. Spd. 1-13-76. Comp. 3-15-77. TD 2736'. D&A. Salem-(approx.), top 2600'. WN Main Consol.

7N, 13W

14, NE SW SE. Jack J. Grynberg #1 C. Shutte. Spd. 4-17-76. Comp. 4-29-76. TD 3075'. D&A. Devonian, top 2836'. Main Consol.

15, NW SE NE. Henry H. Halley, Jr. M.D. #3 Marion D. Eaton. Abd.loc. Main Consol.

15, NE SE NE. Henry H. Halley, Jr. M.D. #4 Marion D. Eaton. Abd. loc. Main Consol.

20, 660'SL, 450'WL, NE SW. Marathon Oil Co. #A-1 Ethel McKee Unit. Spd. 12-9-76. Comp. 3-10-77. TD 4240'. IP 10 BOP/31 BW. Trenton, top 4042', frac. Main Consol.

8N, 12W

32, NW SE NW. Used Oilfield Equipment #2 Clarence L. Schutte. Spd. 12-15-75. Comp. 7-76. TD 1033'. IP 12 BO/200 BW. Robinson, top 998', frac. Main Consol.

EDWARDS COUNTY

3S, 10E

13, SE NW NE. Black and Black Oil Co. #1 L. McCarty. Spd. 3-8-77. Comp. 3-16-77. TD 3204'. D&A. Fredonia, top 3189'. WN-Phillips-town Consol.

EFFINGHAM COUNTY

9N, 6E

35, NW NW SE. William F. Masters #1 Siemer. Spd. 12-6-76. Comp. 3-22-77. TD 2426'. IP 30 BOP. Spar Mt., top 2420'. Teutopolis. EXTENSION TO FIELD.

FAYETTE COUNTY

8N, 3E

12, 637'SL, 681'EL, SW NE. N. A. Baldridge #3 B. Drees. Spd. 5-30-76. Comp. 7-2-76. TD 1535'. IP 3 BOP/17 BW. Cypress, top 1526', frac. Louden.

13, C SW SE. N. A. Baldridge #2 Hayden-Gregg. Spd. 6-20-76. Comp. 11-15-76. TD 1638'. IP 1 BOP/20 BW. Cypress, top 1542. Louden.

FRANKLIN COUNTY

5S, 3E

9, 330'NL, 400'WL, NE. Juniper Petroleum Corp. #51X-9 Jungbecker et al. Spd. 2-5-77. Comp. 2-13-77. TD 2869'. D&A. Aux Vases, top 2855' (approx.). Ewing.

7S, 4E

24, SE NE NW. C. E. Brehm Drilg. & Prod. #1 Eaton. Spd. 6-29-76. Comp. 7-6-76. TD 3249'. D&A. Ste. Genevieve (Karnak), top 3223'. Dale Consol.

GALLATIN COUNTY

7S, 9E

25, SE SE NW. Leo Angermeier, Jr. #1 Kenneth Edwards. Spd. 1-11-77.
Comp. 2-22-77. TD 3099'. D&A. St. Louis, top 3088'. Herald Consol.

8S, 10E

32, 295'SL, 390'EL, NE NW. Paul Knight, #3-A George Golden. Abd. loc.
Ab Lake.

HAMILTON COUNTY

6S, 6E

27, 682'NL, 664'WL, NE SE. Texaco, Inc. #9 Walpole St. Gen. Unit Tract
4. Conversion. Was Texaco #9 O. Irvin NCT-2. Was Spar Mtn. pro-
ducer. Comp. 2-19-77. COTD 3275'. Water input. Spar Mtn,
top 3172', McClosky, top 3214'. Walpole.

JEFFERSON COUNTY

1S, 2E

Irr. 19, 430'NL, 330'WL, NE. The Superior Oil Co. #22 C. H. Friedrich.
Spd. 12-4-76. Comp. 3-1-77. TD 5163'. IP 10 BOP/ tr wtr. Trenton,
top 5021', acid & frac. Boyd.

2S, 4E

11, SW SW NW. Charles T. Evans #3 Voyles. Spd. 3-18-76. Comp. 2-22-77.
TD 2975'. D&A. McClosky, top 2947'. Oakdale.

JOHNSON COUNTY

13S, 3E

26, SW SE NE. Texas Pacific Oil Co., Inc. #1 Dorothy Farris. Spd.
12-15-76. Comp. 12-28-76. TD 2395'. D&A. Springville, top 2329'.
WF.

KANKAKEE COUNTY

30N, 9E

Irr. 4, 1320'SL, 658'WL, NE. Natl. Gas Pipeline Co. of Am. #2 W. Schultz.
Spd. 9-11-74. Comp. 10-30-74 est. TD 2495'. Gas injection-with-
drawal. Mt. Simon, top 2231'. Herscher NW Gas Storage Field.

Irr. 4, 2640'SL, 657'WL, NE. Natl. Gas Pipeline Co. of Am. #3 W. Schultz.
Spd. 8-23-74. Comp. 9-30-74. TD 2495'. Gas injection-withdrawal.
Mt. Simon, top 2234'. Herscher NW Gas Storage in Field.

LAWRENCE COUNTY

3N, 12W

17, 575'SL, 660'EL, NW. Marathon Oil Co. #20 John Diver. Conversion.
Was Bridgeport and Cypress water input well. Comp. 2-2-77. COTD
1364'. IP 6 BOP/54 BW. Buchanan, top 1282'. Lawrence.

3N, 13W

11, SW SW SE. Reinhold Oil Producers #4-B Sanders. Spd. 10-7-76. Comp.
3-22-77. TD 2325'. IP 15 BOP. Aux Vases, top 2184', frac. Lawrence
West.

14, 1510'NL, 1139'EL, NE. Reinhold Oil Producers #1 Johnston-Staats-
Mason Comm. SWD. Spd. 9-11-76. Comp. 10-15-76 est. TD 1540'. SWD.
Pennsylvanian, top 1074'. Lawrence West.

LAWRENCE COUNTY (continued)

4N, 12W

- 19, 10'NL, 15'EL, SE SE. Marathon Oil Co. #SB-19 G. L. Miller. Spd. 10-27-76. Comp. 11-20-76 est. TD 987'. Water input. Bridgeport, top 804'. Lawrence.
- 20, NW SW SW. Marathon Oil Co. #52 C. L. Lewis. Spd. 11-11-76. Comp. 2-24-77. TD 1033'. IP 77 BOP/309 BW. Bridgeport, top 812', frac. Lawrence.
- 20, NE SW SW. Marathon Oil Co. #53 C. L. Lewis. Spd. 11-3-76. Comp. 2-1-77. TD 1031'. IP 18 BOP/345 BW. Bridgeport, top 882', frac. Lawrence.
- 20, 660'NL, 70'WL, SW SW. Marathon Oil Co. #SB-20 C. L. Lewis. Spd. 11-13-76. Comp. 12-13-76 est. TD 1032'. Water input. Bridgeport, top 822'. Lawrence.
- C. L. Lewis.
- 20, C NW SW. Marathon Oil Co. #TB-18./ Spd. 11-2-76. Comp. 12-2-76 est. TD 1010'. Water input. Bridgeport, top 812'. Lawrence.
- 20, 645'SL, 660'WL, SW. Marathon Oil Co. #TB-20 C. L. Lewis. Spd. 11-5-76. Comp. 12-5-76 est. TD 1035'. Water input. Bridgeport, top 815. Lawrence.
- 20, C SW NW. Marathon Oil Co. #TB-16 Mary A. Wood A/C 1. Spd. 10-7-76. Comp. 11-7-76 est. TD 1018'. Water input. Bridgeport, top 898'. Lawrence.
- 29, 743'NL, 650'WL, NW. Marathon Oil Co. #T-22 W. R. Crackle A/c 1. Spd. 11-18-76. Comp. 12-15-76. TD 998'. Water input. Bridgeport, top 806'. Lawrence.
- 29, 660'SL, 10'WL, SE NW. Marathon Oil Co. #UB-24 William Ross Heirs. Spd. 11-23-76. Comp. 12-20-76 est. TD 987'. Water input. Bridgeport, top 878'. Lawrence.
- 29, C SE NW. Marathon Oil Co. #VB-24 William Ross Heirs. Spd. 11-29-76. Comp. 12-20-76 est. TD 1038'. Water input. Bridgeport, top 834'. Lawrence.
- 30, C SE NE. Marathon Oil Co. #RB-24 W. R. Crackle A/C 1. Spd. 11-19-76. Comp. 12-29-76 est. TD 976'. Water input. Bridgeport, top 794'. Lawrence.
- 30, C NE NE. Marathon Oil Co. #RB-22 G. L. Miller. Spd. 11-16-76. Comp. 12-18-76 approx. TD 1016'. Water input. Bridgeport, top 822'. Lawrence.

MADISON COUNTY

6N, 6W

- Irr. 19, 330'NL, 330'EL, SE. Carl Wilson #1 Ahrens. Spd. 1-5-77. Comp. 2-3-77. TD 555'. D&A. Pennsylvanian. Oil sand absent. Livingston.

MARION COUNTY

1N, 1E

3, 330'SL, 380'WL, NE SE. Texaco, Inc. #4 L. O. Meyer Unit, Tr. 3. Conversion. Was Cypress producer. Comp. 2-12-77. COTD 1666'. Water input. Cypress, top 1641'. Racoon Lake.

1N, 2E

Irr. 5, 355'NL, 330'WL, SE NW. Texaco, Inc. #13 J. O. Richardson, O/A Salem Unit, Tract 150. OWDD, Conv. Was McClosky producer converted to Aux Vases water input. OTD 2230'. Comp. 2-4-77. DTD 3480'. IP 135 BOP/80 BW. Salem, top 2156', Devonian, top 3388'. Salem Consol.

Irr. 5, 355'SL, 330'EL, NW NW. Texaco Inc. #17 Ed Tate O/A Salem Unit, Tract 148. Conversion. Was McClosky producer, deepened to Salem producer, converted to McClosky water input. OTD 2205'. Comp. 2-8-77. COTD 2205'. IP 31 BOP/133 BW. Salem, top 2116'. Salem Consol.

2N, 2E

29, 380'SL, 280'WL, SE NE. Texaco, Inc. #12 F. M. Lee "B" O/A Salem Unit, Tract 57. Conversion. Was Devonian producer, deepened to Trenton producer, converted to Aux Vases water input. Comp. 3-19-77. COTD 3442'. IP 44 BOP/602 BW. Devonian, top 3380'. Salem Consol.

32, 300'SL, 280'WL, NW. Texaco, Inc. #20 W. T. Richardson O/A Salem Unit, Tract 113. Conversion. Was Devonian producer deepened to Trenton producer. Comp. 3-28-77. COTD 1775'. Water input. Aux Vases, top 1730'. Salem Consol.

3N, 3E

Irr. 30, 330'NL, 390'EL, NW SE. Edward C. Koch #1 Soutier. Spd. 1-11-76. Comp. 3-22-77. TD 2648'. Small prod. IP N.A. St. Louis, top 2510'. Brubaker. NEW PAY IN FIELD.

MONROE COUNTY

1S, 10W

35, 46'SL, 629'EL, NE SW SW. John W. Kelly #5 Theobald. Spd. 2-16-77. Comp. 3-10-77 est. TD 427'. Water input. Trenton, top 360'. Waterloo.

RICHLAND COUNTY

2N, 14W

2, 390'SL, 330'EL, SE. C.E.R. Production Co. #1 B. L. Schick Comm. Spd. 11-3-76. Comp. 11-24-76. TD 3054'. D&A. McClosky, top 3039'. WF.

3N, 8E

Irr. 1, 330'SL, 330'WL, SW. Larry Hudson #1 A. Hasler. Spd. 2-17-77. Comp. 2-23-77. TD 3125'. D&A. Fredonia, top 3078'. Clay City Consol.

3N, 9E

4, 890'SL, 680'WL, SW. Union Oil Co. of Calif. #48 Colborn Cons.-John O. Coen. OWWO-Conv. Was dry hole, temp. abd. OTD 2998'. Comp. 11-30-54. Recom. 2-24-77. COTD 2982'. IP 6 BOP/McClosky combination water input, Aux Vases, top 2852', producer, McClosky, top 2932'. Clay City Consol.

RICHLAND COUNTY (continued)

3N, 9E

8, 255'SL, 543'EL, SE. H.A.V.E. Oil Co. #1-A Means Comm. OWWO. Rin-
nert & Hamilton Drlg. Co. #1 Means Comm. Was abd Salem producer.
OTD 3686'. Comp. 1-31-67. Recomp. 2-15-77 (approx.). COTD
3455'. IP 12 BOP/12 BW. Salem, top 3421'. Clay City Consol.

4N, 10E

17, 330'SL, 990'EL, NE NE. John M. Zanetis #3 Scherer. OWWO. Was
John M. Zanetis #3 Scherer. Was D&A, OTD 3020'. Comp. 8-19-72.
Recomp. 10-17-76. COTD 3036'. IP 10 BOP/5BW. McClosky, top
2972'. Olney Consol.

21, NW SW SW. Neil Brooks #A-1 O. B. Voight. Conv. Was D-T Drlg. Co.
#1 Voigt "A". Was McClosky producer. Comp. 5-22-75. COTD 2750'
(est.). SWD. Cypress, top 2670'. Olney Consol.

4N, 14W

26, NE SW SW. C.E.R. Production Co. #1 G. Ginder. Spd. 8-4-76. Comp.
3-8-77. TD 3021'. IP 15 BOP. Spar Mtn., top 2970', acid. Hadley.

SALINE COUNTY

8S, 5E

26, 735'SL, 330'WL, NE SW. Duke Resources Corp. #1 Galleher. Spd.
9-18-76. Comp. 2-7-77. TD 2765'. IP 15 BOP. Cypress, top 2618',
frac. Harco East.

WABASH COUNTY

1N, 11W

Irr. 6, 330'SL, 330'WL, NW. Kenneth E. Musgrove #1 Banks Heirs. Spd.
7-1-75. Comp. 3-22-77. TD 1400'. Temp. abd. Biehl, top 1350'.
Allendale.

1N, 12W

Irr. 30, 330'NL, 330'EL, SE. Jack E. Small #1 Norman Dunkel "B" Lease.
Spd. 12-11-76. Comp. 3-22-76. TD 2050'. IP 18 BOP/2 BW. Biehl,
top 1483', nat., Cypress, top 2036', frac. Allendale.

1S, 13W

Irr. 12, 400'SL, 400'EL, SW NE. Spartan Petrol Co. #1-SWD Hudgins-Hasse
Unit. Conversion. Was Ohara producer. Comp. 3-28-77. COTD 2000'.
Salt Water Disposal. Tar Springs, top 1904'. Mt. Carmel.

3S, 13W

Irr. 7, 1456'NL, 990'WL, NE. Gilbert A. Higgins #1-H Akin. Spd.
10-26-76. Comp. 2-22-77. TD 2795'. IP 55 BOP/20 BW. Tar Springs,
Cypress, Aux Vases. New Harmony Consol.

Irr. 7, 1456'NL, 1650'WL, NE. Gilbert A. Higgins #2-H Akin. Spd.
11-2-76. Comp. 2-22-77. TD 2919'. IP 35 BOP/15 BW. Cypress,
top 2501', Aux Vases, top 2773', frac. New Harmony Consol.

Irr. 7, 1456'NL, 2162'WL, NE. Gilbert A. Higgins #3-H Akin. OWWO.
Was Acme Oil Investors #1-X Akin. Was D&A. OTD 2830'. Comp.
7-11-63. Recomp. 2-22-77. COTD 2848'. IP 25 BOP/25 BW.
Cypress, top 2515', frac., Aux Vases, top 2783, frac.
New Harmony Consol.

WASHINGTON COUNTY

3S, 5W

- 31, 890'NL, 330'WL, SW. Charles H. Stephens #1 Orr-Franklin Comm.
OWDD. Was Silurian producer. OTD 2226'. Comp. 5-25-69. Recomp.
1-3-77. DTD 2325'. IP 38EOP/tr wtr. Silurian, top 2007'.
Tilden North.

WAYNE COUNTY

1N, 7E

- 26, NW NW SE. Perry Fulk #2 Laird. OWWO. Was Calvert & Willis #1
Stinette et al. Was D&A. OTD 3236'. Comp. 6-15-48. Recomp.
12-11-76. COTD 3236'. IP 2 BOP/2 BW. McClosky, top 3149'.
Clay City Consol.
- 35, NW SE SE. Perry Fulk #1 Haynes. OWWO. Was J. B. Murvin #1
Billington. WAS D&A. OTD 3280'. Comp. 7-28-69. Recomp. 12-10-76.
COTD 3289'. IP 6 BOP/40 BW. McClosky, top 3168'. Clay City
Consol.

2N, 7E

- 33, C N/2 NW SW. Perry Fulk #3 Knapp. OWWO. Was Gulf States Oil
Invest. Co. #1 Arthur R. Knapp. Was plugged McClosky producer.
OTD 3220'. Comp. 10-31-66. Recomp. 12-15-76. COTD 3210' est.
IP 4 BOP/10BW. Ohara, top 3126', McClosky, top 3179.
Rinard North. Ohara, NEW PAY IN FIELD.

1S, 5E

- 20, SE NW SE. Ernest Sherman #1 Altress Youngblood. Spd. 1-25-77.
Comp. 2-10-77. TD 4001'. D&A. Warsaw, top 3875'. WN-Keenville.
- 27, 430'NL, 330'EL, SW SW. Louis A. Pessina #1 Katherina Goff. Spd.
1-21-77. Comp. 3-15-77. TD 3694'. IP 185 BOP. Salem, top 3616'.
Keenville.
- 27, NE SE SW. Louis A. Pessina #2 Katherina Goff. Spd. 2-10-77. Comp.
3-15-77. TD 3690'. IP 325 BOP. Salem, top 3614', acid. Keenville.
- 27, 330'NL, 430'EL, SW SE. Louis A. Pessina #3 Katherina Goff. Spd.
2-22-77. Comp. 3-28-77. TD 3700'. IP 349 BOP. Salem, top 3614',
acid. Keenville.
- 27, SW NW SE. Fletcher F. Farrar #1 Johnson-Keen Unit. Spd. 2-6-77.
Comp. 3-1-77. TD 3700'. IP 300 BOP. Salem, top 3604'. Keenville.
- 27, SW NE SW. Fletcher F. Farrar #2 C. Johnson. Spd. 1-26-77. Comp.
3-1-77. TD 3698'. IP 350 BOP/Tr wtr. Salem, top 3602', acid.
Keenville.
- 27, SW NE NE. Jerry E. Friend #1 Keen. Spd. 1-27-77. Comp. 2-9-77.
TD 3862'. D&A. Warsaw, top 3776'. WN-Keenville.

1S, 6E

- Irr. 1, 330'SL, 330'EL, SW SW. Hobson Oil Co. #1 Manahan et al. #1.
Spd. 2-11-77. Comp. 3-8-77. TD 4066'. D&A. Warsaw, top 3960'.
Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

20, C S/2 SE SE. John T. Mitchell #1 Belford. Spd. 3-17-77. Comp. 3-28-77. TD 3960'. D&A. Salem, top 3520' (approx.). Johnsonville Consol.

23, NE NE NW. Modern Explorations #1A Cecil Fansler. Spd. 3-13-76. Comp. 3-22-77. TD 3805'. IP 30 BOP/60 BW. Salem, top 3754', acid & frac. Johnsonville South.

23, SE SE NW. Modern Explorations #4-A Fansler. Spd. 1-4-77. Comp. 2-10-77. IP 125 BOP/10 BW. Salem, top 3760', acid. Johnsonville South.

23, 500'NL, 330'WL, SE. Modern Explorations #1 L. Robinson. Spd. 11-25-76. Comp. 1-25-77. TD 3332'. IP 40 BO/40 BW. Salem, top 3790', acid. Johnsonville South.

1S, 8E

14, NE SE NW. Great Am. Resources #1 Gillison. Spd. 7-20-74 est. Comp. 8-20-74. TD 3934'. Temp. abd. Salem, top 3750'. Clay City Consol.

14, NW SE NW. Great Am. Resources #2 Gillison. Spd. 7-1-74 est. Comp. 8-1-74 est. TD 3974'. Oil well, IP N.A.. Salem, top 3782', acid. Clay City Consol.

22, NW SE NW. Runyon Oil Exploration, Inc. #1 McGehee-Hardy #1. OWWO. Was Juniper Pet. #33-22 McGhee-Hardy. D&A. OTD 4088'. Comp. 7-22-76. Originally P. Fulk #1 E. E. McLin. D&A. OTD 3229'. Comp. 1-6-50. Recom. 1-25-77. COTD 3860 (est.). Oil prod, IP N.A. Salem, top 3650', mca & frac. Clay City Consol.

WHITE COUNTY

4S, 8E

28, SE NE SW. Perry Fulk #2 W. L. Lewis. Spd 2-21-77. Comp. 2-26-77. TD 3496'. D&A. Spar Mtn., top 3474'. WN-Springerton South.

4S, 11E

Irr. 19, 440'SL, 990'WL, NW SW. Hertzing Production Service Corp. #10 Radford Johnson. Spd. 2-17-77. Comp. 3-8-77. TD 1390'. D&A. Pennsylvanian, top 1374'. Phillipstown Consol.

4S, 14W

Irr. 6, 330'NL, 330'WL, NE NE. Petro-Halogen Corp. #1 Hon Trust. Spd. 12-17-76. Comp. 3-22-77. TD 2938'. IP 23 BOP/5 BW. Tar Springs, top 2285', Aux Vases, top 2903', frac. Phillipstown Consol.

34, 2710'SL, 620'WL, Section. The Superior Oil Co. #25 H. E. Given. Spd. 2-6-77. Comp. 3-22-77. TD 2658'. IP 17 BOP/70 BW. Cypress, top 2564', mca. New Harmony Consol.

5S, 8E

9, 550'NL, 330'EL, SE NW. RK Petro. Corp. #1 Elva Fulford. Spd. 2-3-77. Comp. 3-15-77. TD 3352'. IP 77 BOP/5 BW. Aux Vases, top 3323', frac. Enfield North.

WHITE COUNTY (continued)

5S, 8E

9, NW NE NE. RK Petro. Corp. #1 Lawrence Ramsey. Spd. 1-6-77. Comp. 3-8-77. TD 3356'. IP 44 BOP. Aux Vases, top 3334', frac. Enfield North.

6S, 8E

23, 465'NL, 330'WL, SW NE. Richard W. Beeson #1 Elbert Edwards. Spd. 10-28-75. Comp. 3-22-77. TD 2575'. D&A. Hardinsburg, top 2560'. Roland Consol.

24, NW SW NE. Garden Drlg. Co. #3 Holmes. OWWO. Was McClosky producer. Comp. 3-1-77 est. COTD 3153'. IP 4 BOP/10 BW. Cypress, top 2734', McClosky, top 3096'. Roland Consol.

6S, 10E

24, C S/2 NW NW. Rhea Fletcher Trust #1 #2 Ackerman. Spd. 1-19-76. Comp. 8-30-76 est. TD 2864'. IP 1 BOP/5 BW. Tar Springs, top 2216', Aux Vases, top 2859', nat. Maunie South.

32, C NE NE. C. E. Brehm Drlg. & Prod. #1 C. E. Brehm. Spd. 10-30-76. Comp. 2-22-77. TD 5227'. IP 192 BOP. Ullin, top 3998. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH APRIL 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

- 15-3N-8E, SE SW SW. Snyder Drlg. & Well Service Co. #1 Goings. 3083'.
2-24-77. Clay City Consol.
3-5N-5E, 330'SL, 330'WL, NE. Thomas Kiernan #2 Norbut, formerly Black Gold Development Co. 2525'. 2-11-77. (Salt Water Disposal formerly a producer.) Iola Consol.
3-5N-5E, NE SW SE. C. R. Winn #1 Oboikovitz. 2467'. 2-18-77. Iola Consol.

CRAWFORD COUNTY

- 15-6N-13W, 510'SL, 685'WL, NW SW. Marathon Oil Co. #26 W. Mann. 1005'.
8-26-75. Main Consol
18-7N-12W, 220'SL, 330'WL, SW SE SE. Wiser Petroleum #9 H. J. Musgrave.
1042'. 7-13-76. (Skeleton Log). Main Consol.
3-7N-13W, 200'SL, 75'WL, SW NE SW. W. C. Kennedy Co. #4 Caroline Wilkin.
970'. 11-5-75. (Not identified with Geological Records.) Main Consol.
3-7N-13W, 200'SL, 300'EL, SW NW SW. W. C. Kennedy Co. #5 Caroline Wilkin.
985'. 11-10-75. (Not identified with Geological Records.) Main Consol.
3-7N-13W, 240'NL, 220'EL, NE NW SW. W. C. Kennedy Co. #7 Caroline Wilkin.
994'. 11-12-75. (Not identified with Geological Records.) Main Consol.
18-7N-13W, 140'SL, 520'EL, SW SW. Ohio Oil Co. #2 Nance Hulse. 970'.
1-9-76. (Not identified with Geological Records.) Main Consol.
21-7N-13W, 220'NL, 220'WL, SE SW. Associated Producers #1 Viola Dees. 969'.
7-25-75. (Skeleton log.) Main Consol.
21-7N-13W, 160'SL, 20'WL, SW SE SW. Associated Producers #6 Viola Dees.
958'. 7-22-75. (Skeleton log.) Main Consol.
21-7N-13W, 400'NL, 130'EL, SW SE SW. Associated Producers #12 Viola Dees.
978'. 8-20-75. (Skeleton log.) Main Consol.

EFFINGHAM COUNTY

- 13-6N-6E, NE NE NW. Peter S. Smalley #1 Austin. 2810'. 2-9-77. Hill East.

GALLATIN COUNTY

- 6-8S-8E, SW SW NE. Shawnee Petro. Assoc., Inc. #1 Charles D. Mosley. 1867'.
2-21-77. Omaha

LAWRENCE COUNTY

- 20-2N-11W, 330'NL, 400'EL, NW SW. Illinois Oil Co. #5 (WI-1) Lyons. 1855'.
2-15-77. (Water input, formerly a producer.) St. Francisville.
20-2N-11W, NW NW SW. Illinois Oil Co. #6 Lyons. 1852'. 2-17-77. St. Francisville.
20-2N-11W, NW NE SW. Illinois Oil Co. #5 Potts. 1855'. 2-23-77. St. Francisville.
20-2N-11W, NW SW NE. C. C. Boyd #1 Wilson. 1861'. 3-4-77. St. Francisville.
20-2N-11W, 848'SL, 1211'WL, NE. Logan Oil Co. #1 Wilson "B". Formerly C. C. Boyd. 1873'. 3-2-77. (Water input, formerly a producer.) St. Francisville.

MARION COUNTY

3-1N-1E, 380'NL, 330'WL, NE SE. Texas Co. #3 L. O. Meyer Unit Tr. 3. 1622'.
3-14-77. (Water input, formerly a producer.) Raccoon Lake.

WHITE COUNTY

6-4S-8E, 271'SL, 301'EL, NW NW. R. C. Vavoust Co. #3 Rosa Dunn. Formerly
Ben H. Nation. 3251'. 2-10-77. (Water input, formerly a producer.)
Mill Shoals.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

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ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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I L L I N O I S S T A T E G E O L O G I C A L S U R V E Y

Urbana, Illinois 61801

MONTHLY REPORT

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

DISCOVERIES

New Fields

None

New Pay Zones in Fields

- HERALD CONSOLIDATED. White County, 2-7S-9E, Ullin at 3949'. Discovery well, C. E. Brehm Drlg. & Prod. #1 Rupp, IP 25 BOP, 30 BW.
- JOHNSONVILLE SOUTH. Wayne County, 23-1S-6E, Ohara at 3155'. Discovery well, Modern Explorations #1 Trotter, IP 200 BOP, 40 BW (IP includes production from Salem also).
- MAYBERRY. Wayne County, 8-3S-6E, Salem at 3834'. Discovery well, Comanche Oil Corp. #1 V. Rawls Comm., IP 60 BOP, 14 BW (IP includes production from McClosky and Ullin also).
- RURAL HILL NORTH. Hamilton County, 34-5S-5E, Ohara at 3319', St. Louis at 3438', Ullin at 4184'. Discovery well, Juniper Petroleum Corp. 47-34 Clark-Meneghin, IP 89 BOP, 64 BW.
- WHITTINGTON. Franklin County, 30-5S-3E, Salem at 3290', Ullin at 3555'. Discovery well, H & W Oil Co. #1 Adams (OWWO, was D&A), IP 20 BOP.

Extensions to Fields

- OMEGA. Marion County, 8-3N-4E, McClosky at 2435'. Discovery well, David F. Herley #1 Courson, IP 10 BOP.

Fields Consolidated

Phillipstown South field in White County has been incorporated into Phillipstown Consolidated field by consolidation.

TABLE I

New Pools Discovered from May 1976 through April 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------|------|------|---------------------|------|------|
| <u>May 1976</u> | | | <u>November</u> | | |
| None | | | Ferrin: | | |
| | | | Clinton County | 2N | 1W |
| <u>June</u> | | | Springerton South: | | |
| Hadley: | | | White County | 4S | 8E |
| Richland | 4N | 14W | <u>December</u> | | |
| Kell North: | | | None | | |
| Marion | 1N | 3E | <u>January 1977</u> | | |
| <u>July</u> | | | None | | |
| None | | | <u>February</u> | | |
| <u>August</u> | | | None | | |
| Enfield North: | | | <u>March</u> | | |
| White County | 5S | 8E | None | | |
| <u>September</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>October</u> | | | | | |
| None | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production in</u> | |
|-------------|---|--------------------|-------------|----------------------------|---------------------------|----------------------|----------------|------------|------------------------|-----------------------------|
| | <u>Field Wells</u> | <u>Discoveries</u> | | <u>Newly Drilled Holes</u> | <u>Reworked Dry Holes</u> | <u>Field Wells</u> | <u>Wildcat</u> | | <u>Total New Tests</u> | <u>Thousands of Barrels</u> |
| | | <u>Field</u> | <u>Ext.</u> | | | | <u>Near</u> | <u>Far</u> | | |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. | 32 | 0 | 1 | 33 | 0 | 8 | 3 | 1 | 45 | 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,180 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,100 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1977 are from reports received directly from crude gathering companies. The figures for March and April 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, April 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | OWWO D&A to Prod. | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | | New | Conversions Were | | |
| | | | Prod. | D&A | | | Prod. | Others | |
| Christian | 12 | 1 | - | 1 | - | - | - | - | - |
| Clark | 5 | 6 | 4 | 2 | - | - | - | - | - |
| Clay | 14 | 3 | 2 | - | - | - | 1 | - | - |
| Clinton | 5 | 1 | - | - | - | 1 | - | - | - |
| Coles | - | 2 | - | - | 1 | - | - | 1 | - |
| Crawford | 21 | 10 | 10* | - | - | - | - | - | - |
| Cumberland | - | 1 | - | 1 | - | - | - | - | - |
| Douglas | - | 1 | - | - | 1 | - | - | - | - |
| Edgar | 2 | 1 | - | 1 | - | - | - | - | - |
| Edwards | 1 | 1 | - | 1 | - | - | - | - | - |
| Effingham | 8 | 5 | 5 | - | - | - | - | - | - |
| Fayette | 3 | - | - | - | - | - | - | - | - |
| Franklin | 7 | 2 | - | 1 | 1 | - | - | - | - |
| Hamilton | 4 | 2 | 1 | 1 | - | - | - | - | - |
| Jefferson | 2 | 1 | - | 1 | - | - | - | - | - |
| Lawrence | 4 | 10 | 5 | 1 | - | - | 3 | 1 | - |
| Macon | 1 | 1 | - | 1 | - | - | - | - | - |
| Madison | - | 1 | - | 1 | - | - | - | - | - |
| Marion | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Monroe | 2 | - | - | - | - | - | - | - | - |
| Montgomery | 1 | - | - | - | - | - | - | - | - |
| Pope | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 4 | 2 | 2 | - | - | - | - | - | - |
| St. Clair | 1 | - | - | - | - | - | - | - | - |
| Saline | 1 | - | - | - | - | - | - | - | - |
| Sangamon | - | - | - | - | - | - | - | - | - |
| Schuyler | 1 | 1 | - | 1 | - | - | - | - | - |
| Wabash | 4 | 1 | - | 1 | - | - | - | - | - |
| Washington | 1 | 2 | - | 2 | - | - | - | - | - |
| Wayne | 27 | 15 | 11 | 1 | 1 | 1 | - | 1 | - |
| White | 10 | 7 | 6 | - | 1 | - | - | - | - |
| Williamson | 1 | - | - | - | - | - | - | - | - |
| | 145 | 80 | 47 | 19 | 5 | 2 | 4 | 3 | - |

* Includes 1 gas well.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 1, 1977, through April 28, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, April 1977

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|--------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| McLean | 1 | - | - | - | - | - |

One structure test in connection with natural gas storage was reported in Illinois in April.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 1, 1977, through April 28, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

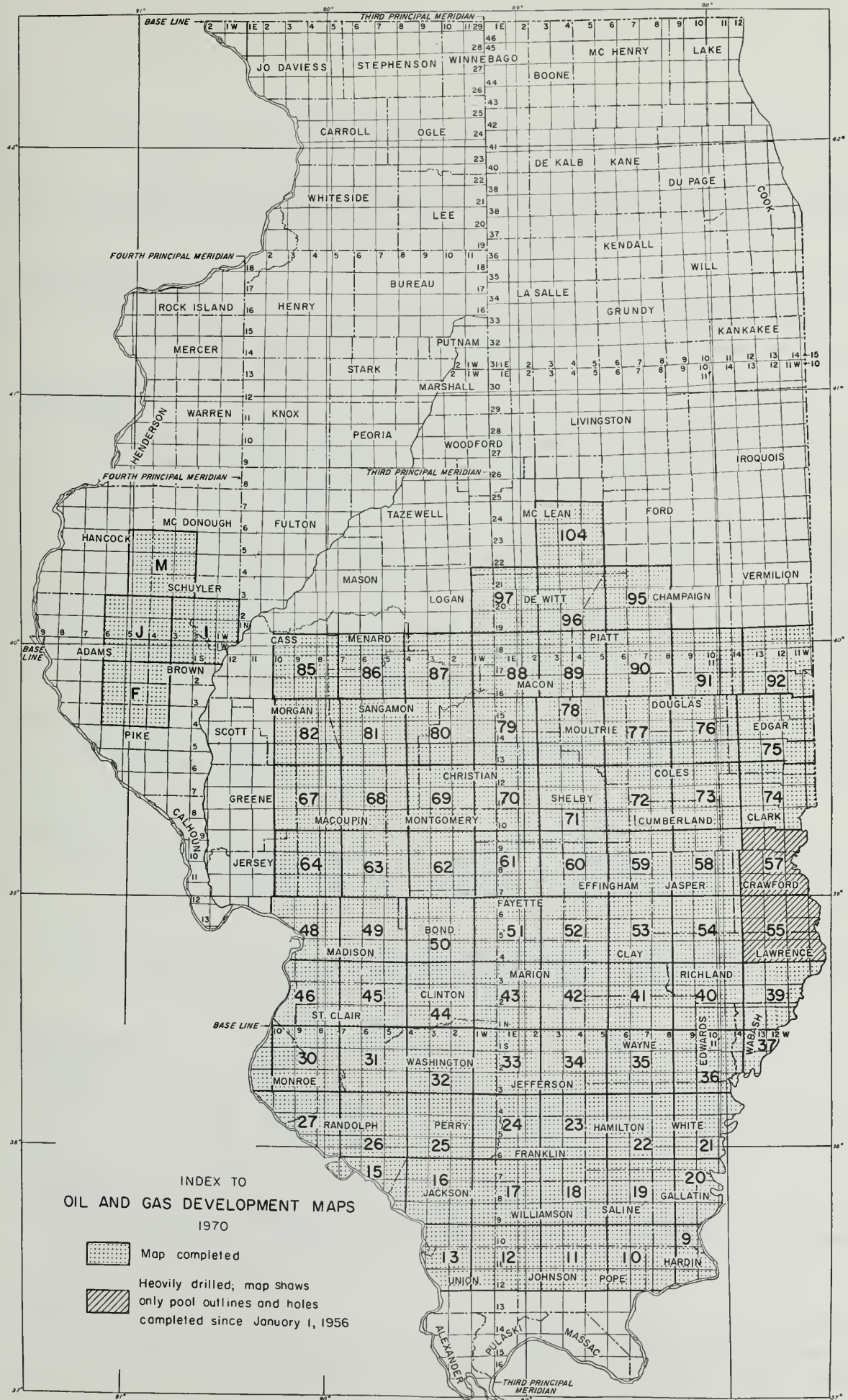
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELL COMPLETIONS REPORTED FROM APRIL 2, 1977 TO APRIL 29, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

CHRISTIAN COUNTY

11N, 1E

- 25, C S/2 NE SW. Frank's Petroleum Exploration #3 Wagner. Spd. 5-13-74. Comp. 4-5-77. TD 2896'. Temp. abd. Devonian, top 2866'. Pana South.

CLARK COUNTY

10N, 13W

- 30, 600'NL, 450'EL, SE NW. Fear and Duncan #1-T Auld. Spd. 11-1-76. Comp. 3-29-77. TD 2870'. IP 75 BOP. Trenton, top 2706', frac. Martinsville.

- Irr. 31, 330'NL, 440'WL, NE. M. C. Milam #1 R. Tomasino. Spd. 12-7-76. Comp. 3-1-77. TD 2863'. IP 70 BOP. Trenton, top 2770', acid and frac. Martinsville.

- Irr. 31, 330'NL, 660'WL, SE NW. M. C. Milam #2 Washburn. Spd. 1-14-77. Comp. 3-15-77. TD 2900'. IP 32 BOP/8 BW. Trenton, top 2732', mca and frac. Martinsville.

10N, 14W

- 25, 330'SL, 380'EL, NE NE. Southern Triangle Oil Co. #1 Catherine R. Slater. Spd. 2-21-77. Comp. 2-25-77. TD 1033'. Junked hole. Johnson North.

11N, 14W

- 4, 376'NL, 940'WL, NE NW. Jack Mankin #3-A Belva Turner. Spd. 3-16-77. Comp. 3-29-77. TD 405'. IP 3 BOP. Pennsylvanian, top 306', shot. Westfield.

- 4, SW SE NW. Jack H. Mankin #5 Belva Turner. Spd. 8-10-75. Comp. 3-29-77. TD 140'. D&A. Formation and top not available. Westfield.

CLAY COUNTY

2N, 8E

- 11, NW SE SW. James A. Gray #1 Brown. Spd. 9-4-76. Comp. 4-1-77. TD 3191'. IP 14 BOP/3 BW. Spar Mountain, top 3145', acid. Clay City Consol.

3N, 8E

- 16, SE SE NE. Karen S. Revelle #1 Hartley. Spd. 12-8-76. Comp. 3-15-77. TD 3606'. IP 80 BOP. Salem, top 3490', mca and acid. Clay City Consol.

5N, 6E

- 1, SW NE NE. Black & Black Oil Co. #1 Heitman Heirs. OWWO. Was Coy Oil Co. #2 H. W. Heitman et al. Was D&A. OTD 2906'. Comp. 1-5-54. Recomp. 4-14-77. COTD 456'. Junked hole. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 7E

- 4, NW SW SW. Texaco, Inc. #1 C. Nadler NCT-1, O/A North Bible Grove Unit, Tract 8. Conversion. Was Cypress producer. Comp. 4-25-77. COTD 2545'. Water input. Cypress, top 2484'. Sailor Springs Consol.

CLINTON COUNTY

1N, 4W

- 13, SW NE SE. N. A. Baldridge #5 Beckman. Spd. 12-7-73. Comp. 5-9-75. TD 965'. Water input. Cypress, top 961'. Bartelso West.

COLES COUNTY

12N, 7E

- 26, SW SE NW. Energy Producers, Inc. #1 Jeffries. OWWO-OWDD. Was Carter Oil Co. #4 Jeffries. Was D&A. OTD 1996'. Comp. 3-5-46. Recomp. 4-14-77. DTD 2188'. IP 25 BOP/25 BW. McClosky, top 1948, acid frac. Mattoon.
- 26, NW SE NW. Energy Producers, Inc. #1 Jeffries SWD. OWWO. Conversion. Was Carter Oil Co. #1 E. Jeffries. Was plugged Cypress and Spar Mountain producer. OTD 1988'. Comp. 11-27-45. Recomp. 3-27-77. COTD 1546'. SWD. Tar Springs, top 1430'. Mattoon.

CRAWFORD COUNTY

5N, 13W

- 1, SE NW NW. Energy Resources of Indiana, Inc. #13 Baldwin-Valdez Comm. Spd. 1-3-77. Comp. 3-29-77. TD 1295'. IP 15 BOP/lots of gas. Basal Pennsylvanian, top 1206', mca and frac. Main Consol.
- 1, 1020'SL, 330'EL, SW NW. Energy Resources of Ind., Inc. #10 Price-Valdez Comm. Spd. 12-22-76. Comp. 4-19-77. TD 1297'. IP 50 BOP. Basal Pennsylvanian, top 1214', frac. Main Consol.
- 1, 1040'SL, 330'WL, NW. Energy Resources of Ind., Inc. #8 Valdez. Spd. 12-17-76. Comp. 3-29-77. TD 1292'. IP 5 BOP/some gas. Basal Pennsylvanian, top 1200', frac. Main Consol.
- 1, 330'NL, 380'WL, NE SW. Energy Resources of Ind., Inc. #1-A Wiseman Heirs. Spd. 1-3-77. Comp. 3-29-77. TD 1326'. IP 30 BOP. Basal Pennsylvanian, top 1260', frac. Main Consol.
- 2, 380'SL, 330'EL, NE. Energy Resources of Ind., Inc. #1-A Coulter Heirs. Spd. 12-19-76. Comp. 4-5-77. TD 1321'. SIGW, IP not available. Basal Pennsylvanian, top 1217'. Main Consol.
- 11, NE NE NE. Russ Randall, Inc. #1 A. E. Shipman. Spd. 1-4-77. Comp. 4-5-77. TD 1450'. IP 50 BOP. Robinson (est.), top 926', frac. Main Consol.

6N, 13W

- 36, SW SW NW. Lamar Properties #1-A George Utley. Spd. 11-28-76. Comp. 3-29-77. TD 4056'. IP 40 BOP. Trenton, top 3889', acid and frac. Main Consol.

CRAWFORD COUNTY (continued)

8N, 12W

- 32, 410'NL, 330'WL, SE. David Jones Oil Producers #1 Marion Williamson.
Spd. 12-13-76. Comp. 1-6-77. TD 1074'. IP 75 BOP/100 BW.
Robinson, top 1014' (approx.), frac. Main Consol.

8N, 13W

- 35, SW NE SW. Billy R. Rector #2-A Ikemire Heirs. Spd. 9-23-76. Comp.
2-23-77. TD 1261'. Oil producer, IP not available. Pennsylvanian,
top 940', frac. Main Consol.

8N, 14W

- 12, 950'SL, 800'WL, SW SW. Bellair Oil Co. #77 Melville Payn. Spd.
7-21-76. Comp. 3-1-77. TD 2450'. IP 2 BOP/trace of water.
Cypress, top 928'; Benoist, top 987', frac. Bellair.

CUMBERLAND COUNTY

9N, 9E

- 27, SW SW NE. Citation Oil & Gas Corp. #1 Theo. Shull. Spd. 1-16-76.
Comp. 4-19-77. TD 2735'. Temp. abd. McClosky, top 2700'. WN -
Hidalgo North.

DOUGLAS COUNTY

15N, 7E

- 25, SW NE NW. Joyce Botts #1 Miller. OWWO. Was Elton Botts #1 Diener.
Was D&A. OTD 1731'. Comp. 9-16-71. Recomp. 3-29-77. TD 1731'.
Oil producer, IP not available. Spar Mountain, top 1695',
frac. Bourbon South.

EDGAR COUNTY

13N, 13W

- 16, NW NW NE. Robison & Associates #1 Asa Baber. Spd. 3-29-77. Comp.
4-8-77. TD 485'. D&A. Dudley, top 435'. Dudley.

EDWARDS COUNTY

2S, 14W

- 29, 643'NL, 330'EL, NW SE SE. Elmer Laurent #3 Albert Walker. Spd.
12-1-75. Comp. 12-12-75. TD 3085'. D&A. Spar Mountain, top
3062'. Albion East. (Was erroneously run as a producer in
June 1976 Drilling Report.)

3S, 10E

- 13, 850'NL, 330'WL, NW. Black & Black Oil Co. #2 L. McCarty. Spd.
3-21-77. Comp. 3-26-77. TD 1992'. D&A. Biehl, top 1985'.
Albion Consol.

EFFINGHAM COUNTY

9N, 4E

- 31, SW SW NE. Tri-Star Producing Co., Inc. #1 Jenner. Spd. 12-10-76.
Comp. 4-5-77. TD 3340'. IP 260 BOP. Sylamore (Devonian), top
3110'. Loudon.
- 31, C N/2 SW NE. Tri-Star Producing Co., Inc. #2 Jenner. Spd. 3-10-77.
Comp. 4-5-77. TD 3172'. IP 300 BOP. Sylamore (Devonian), top
3116'. Loudon.

EFFINGHAM COUNTY (continued)

9N, 4E

31, SE NE SW. Tri-Star Producing Inc. #1 Maxfield. Spd. 10-25-76.
Comp. 4-5-77. TD 3127'. IP 300 BOP. Sylamore (Devonian), top
3116'. Louden.

31, 522'SL, 375'WL, SW NE NE. W. T. Frederking #1 Perkins et al. Spd.
2-28-77. Comp. 4-5-77. TD 3132'. IP 147 BOP. Devonian, top
3100'. Louden.

31, SW SE NE. Tri-Star Producing Co., Inc. #1 Ryan. Spd. 12-28-76.
Comp. 4-5-77. TD 3307'. IP 80 BOP. Sylamore (Devonian), top
3121', acid. Louden.

FAYETTE COUNTY

8N, 3E

3, SE NE NE. Exxon Corp. #1 Silas Buzzard. OWDD. Was Cypress pro-
ducer. OTD 1533'. Comp. 6-24-41. Recomp. 3-17-77. DTD 1636'.
IP 29 BOP/45 BW. Bethel, top 1552' (est.), frac.; Benoist,
top 1595' (est.), frac. Louden.

10, 750'NL, 560'EL, NE SE. Exxon Corp. #9 Bob Fortner. OWWO. Was
temp. abd. Was Carper producer. Comp. 2-22-77. COTD 1718'.
IP 22 BOP/319 BW. Cypress, top 1502, frac.; Bethel, top
1585', frac. Louden.

FRANKLIN COUNTY

5S, 3E

Irr. 30, 330'NL, 700'EL, NW. H & W Oil Co., Inc. #1 Adams. OWWO.
OWDD. Was H. O. Whittington. Was D&A. OTD 2964'. Comp. 9-23-59.
Recomp. 2-21-77. DTD 3719'. IP 20 BOP. Salem, top 3290';
Ullin, top 3555', mca. Whittington. SALEM AND ULLIN
NEW PAYS IN FIELD.

7S, 4E

22, 330'NL, 380'WL, NE. C. E. Brehm Drlg. & Prod. #1 Bozarth Comm.
Spd. 10-4-76. Comp. 4-5-77. TD 3255'. D&A. Spar Mountain, top
3178'. Thompsonville North.

HAMILTON COUNTY

4S, 7E

2, NW SE NW. C. E. Brehm #1 Hamilton-Gray. Spd. 8-26-76. Comp. 4-5-77.
TD 3440'. D&A. McClosky, top 3398'. WN - Bungay Consol.

27, SE NE SE. Petroleum Management, Inc. #6-3 E. D. York. OWDD. Was
Ohio Oil #3 E. D. York. Was Aux Vases producer. OTD 3308'. Comp.
8-44. Recomp. 4-19-77. DTD 3463'. IP 36 BOP/324 BW.
McClosky, top 3460' (approx.). Bungay Consol.

5S, 5E

34, NE SE SW. Juniper Petroleum Corp. #47-34 Clark-Meneghin. Spd.
12-12-76. Comp. 3-15-77. TD 4275'. IP 89 BOP/64 BW. Ohara, top
3319', acid; St. Louis, top 3438', acid; Ullin, top 4184',
acid. Rural Hill North. OHARA, ST. LOUIS, AND ULLIN
NEW PAYS IN FIELD.

JEFFERSON COUNTY

2S, 4E

- 11, SE NW NW. Charles T. Evans #2 Arthur O. Voyles. Spd. 2-16-76.
Comp. 2-21-76. TD 2982'. D&A (SO). McClosky, top 2973'.
Oakdale.

LAWRENCE COUNTY

3N, 11W

- Irr. 19, 330'NL, 330'EL, SE NW. Moore Production Co. #1 Gee. Conversion. Was Ill. Midcontinent and Ashland O & R #1 A. Gee Heirs.
Was Cypress producer converted to Tar Springs SWD. Comp.
12-29-76. COTD 1660'. Water input. Cypress, top
1630'. Lawrence.
- Irr. 19, 330'SL, 990'EL, NW. Moore Production Co. #9 Gee. Conversion.
Was Ill. Midcontinent and Ashland O & R #9 Gee Heirs. Was Cypress
producer. Comp. 2-11-77. COTD 1670'. Water input. Cypress,
top 1630'. Lawrence.

3N, 12W

Comp. 3-31-77

- 16, C SE SW. Marathon Oil Co. #33 John Swail. Spd. 1-11-77./ TD 1485'.
IP 7 BOP/217 BW. Buchanan, top 1350', acid. Lawrence.
- 24, SW SW NE. Moore Production Co. #5 Gee. Conversion. Was Ill.
Midcontinent and Ashland O & R #5 Gee. Was Cypress producer.
Comp. 12-29-76. COTD 1692'. Water input. Cypress, top
1630'. Lawrence.
- 24, SW NW NE. Moore Production Co. #11 Gee. Conversion. Was Ill.
Midcontinent and Ashland O & R #11 Gee Heirs. Was Cypress pro-
ducer. Comp. 12-29-76. COTD 1692'. Water input. Cypress,
top 1621'. Lawrence.

4N, 11W

- 11, 385'NL, 340'WL, SE. Energy Resources of Indiana #1 Gee Heirs.
Abd. loc. Pinkstaff East.

4N, 12W

- 20, SW SW SW. Marathon Oil Co. #51 C. L. Lewis. Spd. 11-10-76. Comp.
2-18-77. TD 1018'. IP 1 BOP/386 BW. Bridgeport, top 806', frac.
Lawrence.
- 28, SW SW SW. Schlensker Drilling Corp. #1 Verus Wright. Spd. 8-15-75.
Comp. 4-5-77. TD 3575'. Oil producer, IP not available. Devonian,
top 3210'. Lawrence.

4N, 13W

- Irr. 1, 660'NL, 1320'WL, NW. Wayne Smith, Op., Inc. #033 A. C. Droll
et al. Spd. 6-21-74. Comp. 8-20-74. TD 1701'. IP 15 BOP/10 BW.
Jackson, top 1318', frac.; Cypress, top 1370', frac.; McClosky,
top 1682', natural. Lawrence.
- Irr. 12, 330'SL, 380'EL, NW NE. Triangle Oil Co. #1-A Hardacre, Account
#1. Spd. 9-25-73. Comp. 4-19-77. TD 3195'. Temp. abd. Devonian,
top 2982'. Lawrence.

LAWRENCE COUNTY (continued)

5N, 10W

- 30, NE NW SW. Carl White #1 Benson. Spd. 11-17-75. Comp. 4-19-77.
TD 1670'. Small oil producer, IP not available. McClosky, top
1618'. Russellville.

MACON COUNTY

17N, 1E

- 25, 940'NL, 1650'EL, NE. Walter Bollenbacher Family Trust #1 Flach.
Spd. 3-20-77. Comp. 3-25-77. TD 2100'. D&A. Silurian, top 1962'.
WF.

MADISON COUNTY

3N, 5W

- 35, NE NE NW. Central Petroleum Co. #1 Wm. Schrage Jr. Comm. Spd.
2-21-77. Comp. 3-2-77. TD 2256'. D&A. Silurian, top 2090'. WF.

MARION COUNTY

1N, 2E

- 34, NW NE SE. Peter S. Smalley #1 Hester. Spd. 5-27-76. Comp. 6-2-76.
TD 2440'. D&A. St. Louis, top 2312'. Salem Consol.

3N, 4E

- 8, SE NE NW. David F. Herley #1 Courson. Spd. 12-3-76. Comp. 3-1-77
(est.). TD 3150'. IP 10 BOP/O BW. McClosky, top 2435', acid.
EXTENSION TO OMEGA.

POPE COUNTY

11S, 6E

- 2, 1815'SL, 330'WL, SE. Texas Pacific Oil Co., Inc. #1 Mary L. Streich
Comm. Spd. 4-29-76. Comp. 9-12-76. TD 14,920. D&A. Mt. Simon,
top 14,770. WF.

RICHLAND COUNTY

3N, 9E

- 5, 1008'NL, 600'EL, NE. Tipps Casing Pulling Co. #4 M. Eberhardt. Abd.
loc. Clay City Consol. (Was erroneously run as D&A in August 1975
Drilling Report.)

4N, 9E

- 12, NE SW SW. William R. Becker & Phyllis S. Becker #2 J. Klingler.
Spd. 11-26-74. Comp. 4-5-77. TD 3011'. IP 20 BOP/trace of water.
McClosky, top 2843', acid and frac. Clay City Consol.

4N, 14W

- 27, NE SE SE. C.E.R. Production Co. #1 A. Herman. Spd. 5-26-76. Comp.
7-4-76. TD 3024'. IP 12 BOP. Spar Mountain, top 2999', natural.
Hadley.

SANGAMON COUNTY

15N, 3W

- 32, C S/2 SW SW. Triple G Oil Co., Ltd. #1 Green. Abd. loc. Edinburg
West.

SCHUYLER COUNTY

1S, 2W

- 3, NE NE NE. De-Kane Oil Co. #1 Leverton. Spd. 4-5-77. Comp. 4-7-77.
TD 660'. D&A. Hunton, top 580' (approx.). WF.

WABASH COUNTY

1N, 12W

- 5, 360'SL, 330'WL, NW NW. William C. Padgett #1 Shepard et al. Spd.
2-9-77. Comp. 2-28-77. TD 1632'. D&A. Biehl, top 1578'.
Allendale.

1N, 13W

- 8, SW NW NW. Double "A" Oil Producers, Inc. #2 Jones. Abd. loc.
Lancaster Central.

WASHINGTON COUNTY

3S, 1W

- 8, SE SW SW. G. K. Hood #1-A Tomaszewski. Spd. 11-26-76. Comp. 2-22-77.
TD 1271'. D&A. Cypress, top 1220'. Dubois Consol.

3S, 4W

- 24, NW SW NE. Arminco Petroleum, Inc. #1 Carson. Spd. 4-17-76. Comp.
4-23-76. TD 2746'. D&A. Silurian, top 2250' (approx.). WF.

WAYNE COUNTY

1N, 7E

- 35, NE NE SW. Richard W. Beeson #2 Harold Barnard. OWWO. Was D&A.
OTD 3210'. Comp. 10-9-76. Recom. 4-5-77. TD 500'. D&A (lost
hole). Clay City Consol.

1N, 9E

- 20, SW SW NW. Charles Keyser #1 G. Shannon. Spd. 12-19-76. Comp.
2-18-77. TD 3325'. Temp. abd. Aux Vases, top 3194'. WN - Clay
City Consol.

2N, 9E

- 35, 350'NL, 330'WL, SE NE. Juniper Petroleum Corp. #73-35 Hornback.
Spd. 12-11-76. Comp. 3-27-77. TD 4152'. IP 62 BOP/7 BW.
Spar Mountain, top 3247', acid. Calhoun South.

1S, 5E

- 27, NE SE SE. Louis A. Pessina #4 Katherina Goff. Spd. 3-9-77. Comp.
4-12-77. TD 3703'. IP 300 BOP. Salem (est.), top 3608', acid.
Keenville.
- 27, SW SE SW. Louis A. Pessina #5 Katherina Goff. Spd. 3-25-77. Comp.
4-16-77. TD 3700'. IP 175 BOP. Salem, top 3605', acid. Keen-
ville.
- 27, SE NE SE. Charles T. Evans #1 Clarence Johnson. Spd. 2-24-77.
Comp. 4-10-77. TD 3690'. IP 200 BOP. Salem, top 3595', acid.
Keenville.
- 27, SW NE SE. Fletcher F. Farrar #2 Verl Keen. Spd. 3-7-77. Comp.
4-19-77. TD 3704'. IP 240 BOP. Salem, top 3603'. Keenville.

WAYNE COUNTY (continued)1S, 5E

- 27, SW SW NE. Fletcher F. Farrar #1 George Reed. Spd. 2-14-77. Comp. 4-19-77. TD 3672'. IP 150 BOP/140 BW. Salem, top 3621', acid. Keenville.

1S, 6E

- Irr. 4, 330'NL, 330'WL, NE. Van Fossan Assoc. #1 Weaver Comm. Abd. loc. Johnsonville Consol.
- 14, 430'NL, 330'EL, SW SW. Fletcher F. Farrar #1 SWD William White. Spd. 11-13-76. Comp. 12-15-76 (est.). TD 2900'. SWD. Cypress, top 2850'. Johnsonville South.
- 23, NW SW SE. Modern Explorations #1 Trotter. Spd. 1-22-77. Comp. 2-14-77. TD 3826'. IP 200 BOP/40 BW. Ohara, top 3155', acid; Salem, top 3795', acid. Johnsonville South. OHARA NEW PAY IN FIELD.

1S, 8E

- 22, 400'NL, 330'WL, NW. Juniper Petroleum Corp. #11X-22 Thomason. Spd. 11-14-76. Comp. 4-14-77. TD 3840'. IP 10 BOP/37 BW. St. Louis, top 3385', acid; Salem, top 3610', acid. Clay City Consol.

2S, 9E

- 13, C E/2 NW SW. Runyon Oil Exploration, Inc. #3 Emma Winters. Spd. 10-21-76. Comp. 3-21-77. TD 3408'. IP 30 BOP/10 BW. Spar Mountain, top 3316', acid; McClosky, top 3362', acid. Goldengate Consol.
- 13, NE SW SW. Runyon Oil Exploration, Inc. #4 Erma Winters. OWWO. Was Indiana Farm Bureau Corp. #4 Winters. Was D&A. OTD 3460'. Comp. 1-13-53. Recomp. 3-21-77. COTD 3434'. IP 20 BOP/5 BW. Aux Vases, top 3260', frac.; Ohara, top 3330', acid; Spar Mountain, top 3384', acid; McClosky, top 3420' (approx.), acid. Goldengate Consol.
- 14, NE NE SE. Runyon Oil Exploration, Inc. #2 Noah Duke. Spd. 10-11-76. Comp. 3-23-77. TD 3405'. IP 50 BOP/40 BW. Spar Mountain, top 3331', acid frac.; McClosky, top 3366', acid frac. Goldengate Consol.
- 14, SW NE SE. Runyon Oil Exploration, Inc. #3 Duke. OWWO. Conversion. Was Pioneer Oil Co. #1 Noah Duke. Was D&A. OTD 3414'. Comp. 6-10-58. Recomp. 3-19-77. COTD 2900' (approx.). SWD. Tar Springs, top 2724'; Hardinsburg, top 2848'. Goldengate Consol.

3S, 6E

- 8, SE NW NW. Comanche Oil Corp. #1 V. Rawls Comm. Spd. 2-18-77. Comp. 4-10-77. TD 4296'. IP 60 BOP/14 BW. McClosky, top 3300', acid; Salem, top 3834', acid and frac.; Ullin, top 4174', acid. Mayberry. SALEM NEW PAY IN FIELD.

WHITE COUNTY

3S, 8E

- 21, NE NE NE. Black Hawk Resources Corp. #81-21 G. R. Locke. OWWO.
OWDD. Was Hays-Schwab et al. #1 D. H. Vaughn. Was D&A. OTD 3589'.
Comp. 1-27-42. Recomp. 2-25-77. DTD 4371'. D&A. Ullin,
top 4205'. Barnhill.

3S, 9E

- 21, 360'SL, 330'WL, NW SE. Black Hawk Resources Corp. #56-21 Granger-
Hawker Farms. OWWO. Was Nation Oil Co. #1 Granger. Was D&A.
OTD 5485'. Comp. 11-7-71. Recomp. 3-23-77. COTD 4170'.
IP 40 BOP/36 BW. Salem, top 4088'; Ullin, top 4130',
acid. Goldengate Consol.

4S, 8E

- 29, 330'SL, 363'WL, SE SW. Perry Fulk #1 Mary Ward et al. Unit. Spd.
1-24-77. Comp. 3-1-77. TD 3402'. IP 48 BOP/20 BW. Aux Vases,
top 3397'. Springerton South.

5S, 8E

- 4, SW SE SE. RK Petroleum Corp. #1 Edith & Eva Ramsey. Spd. 2-16-77.
Comp. 4-13-77. TD 3348'. IP 56 BOP/some water. Aux Vases, top
3338', frac. Enfield North.
- 9, NW SE NW. RK Petroleum Corp. #2 Elva Fulford. Spd. 3-3-77. Comp.
3-30-77. TD 3382'. IP 50 BOP/0 BW. Aux Vases, top 3336', frac.
Enfield North.

6S, 9E

- 34, 700'NL, 690'EL, NE. Don W. Slater #2-A Herald Unit. Spd. 10-13-75.
Comp. 11-18-75. TD 2725'. IP 15 BOP/85 BW. Cypress, top 2688',
frac. Herald Consol.

6S, 10E

- 21, 940'NL, 970'EL, NE. Jim Haley Producing Co. #B-1 W. R. Tuley.
Spd. 10-6-76. Comp. 1-5-77. TD 4220'. IP 130 BOP. St. Louis,
top 3323', frac. Concord Consol.

7S, 9E

- 2, 330'NL, 405'EL, SE NW. C. E. Brehm Drilg. & Prod. #1 Rupp. Spd.
4-15-76. Comp. 5-29-76 (est.). TD 5285'. IP 25 BOP/30 BW.
Ullin, top 3949', frac. Herald Consol. NEW PAY IN FIELD.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH APRIL 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

- 13-2N-7E, SE NW SE. Booth Oil Co., Inc. #2 Ullom. 3646'. 11-24-76. Clay City Consol.
- 26-3N-6E, NE NW NW. Hanson Oil Co. #4 Branson. 3798'. 5-18-76. Sailor Springs Consol.
- 3-3N-7E, 480'SL, 330'EL, NW SE. James C. Franklin #1 L. Hagen. 2951'. 6-5-75. Sailor Springs Consol.
- 10-3N-7E, NW SW NW. Shelby A. & Sylvia Britton #1 R. L. Thompson. 2610'. 8-26-75. Sailor Springs Consol.
- 10-3N-7E, SW NE SE. James C. Franklin #1 Wells. 3040'. 7-19-76. Sailor Springs Consol.
- 22-3N-7E, NW NW NE. Johnson and Snyder #3 O. H. King. 3021'. 4-1-77. Sailor Springs Consol.
- 10-4N-7E, 405'NL, 330'WL, SW SE. Shelby A. Britton #3 A. Murphy. 2995'. 4-4-77. Sailor Springs Consol.

CRAWFORD COUNTY

- 5-5N-12W, NW SW NW. C. B. Shaffer #1 F. Price. 1024'. 3-16-76. Main Consol.
- 2-6N-13W, 660'NL, 660'EL, SW NE NE. Cramack #9 George Walter, formerly Stevens #2. 977'. 7-31-76. Main Consol.
- 20-7N-12W, 695'SL, 295'WL, NE NW. Ohio Oil Co. #11 William A. Alexander. 1006'. 4-26-76. Main Consol.
- 21-7N-13W, 175'NL, 175'WL, SW SE SW. Associated Producers #3 Viola Dees. 970'. 7-18-75. Main Consol.

LAWRENCE COUNTY

- 20-2N-11W, NW SE NW. Logan Oil Co. #2 Boyer Communitized. 1862'. 2-25-77. St. Francisville.
- 8-3N-12W, 60'SL, 480'WL, SE NE. Ohio Oil Co. #1 J. N. Burns. 960'. 2-17-77. Lawrence.
- 14-3N-12W, 230'SL, 370'EL, NW SW. Ohio Oil Co. #5 A. Gillespie. 1804'. 2-11-77. Lawrence.
- 17-3N-12W, 650'SL, 650'EL, NE. Ohio Oil Co. #17 Thorn. 1291'. 3-10-77. Lawrence.
- 35-3N-12W, 640'SL, 550'WL, NW SE. Ohio Oil Co. #5 A. L. Gould. 966'. 2-2-77. Lawrence.
- 19-4N-12W, 40'SL, 130'EL, NE. Ohio Oil Co. #32 S. E. Hazel. 940'. 1-20-77. Lawrence.
- 30-4N-12W, 170'NL, 166'EL, SE SE SE. Ohio Oil Co. #19 L. D. Sutton. 1748'. 12-2-76. Lawrence.

MARION COUNTY

- 4-2N-2E, 690'NL, 330'WL, NW SE. Tamarack Petroleum Co. #4-W L. A. Branch, formerly A. J. Slagter, Jr. #1. 2177'. 4-7-77. (Salt water disposal, formerly a producer.) Tonti.

RICHLAND COUNTY

12-2N-10E, SE SW SW. Republic Oil Co. #1 Hudson. 3350'. 4-1-77. Calhoun East.

WAYNE COUNTY

7-1N-7E, NW NE SE. Republic Oil Co. #1 Loss. 3307'. 3-12-77. Clay City Consol.

Irr. 13-2S-7E, 660'SL, 330'EL, SE. Black & Black Oil Co. #1 Chaney. 4168'. 3-25-77. Clay City Consol.

WHITE COUNTY

9-4S-14W, 300'NL, 300'EL, SW. J. H. Vandebark #1 Halbert-Calvin, formerly W. G. Fortner et al. #1 G. P. Calvin. 2726'. 4-1-77. (Water input, formerly a producer.) New Harmony Consol.

9-4S-14W, 334'SL, 314'WL, SW NE SW. J. H. Vandebark #5 Halbert-Calvin, formerly Burr Lambert #5 G. P. Calvin. 2846'. 3-26-77. (Water input, formerly a producer.) New Harmony Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |



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MONTHLY REPORT

O I L A N D G A S D R I L L I N G

I N I L L I N O I S

Jacob Van Den Berg

Journal of Management Education 30(6)

DISCOVERIES

New Fields

None

New Pay Zones in Fields

ENFIELD NORTH. White County, 9-5S-8E, Ullin at 4315'.
Discovery well, R K Petroleum Corporation 4 Triple AAA
Ranch, IP 50 BOP.

Extensions to Fields

LAWRENCE. Lawrence County, 27-3N-11W, Ohara at 1838'.
Discovery well, Raymond A. Messman 1 Claude White,
IP 20 BOP.

TABLE I

New Pools Discovered from June 1976 through May 1977

| Pool: County | Twp. Rng. | Pool: County | Twp. Rng. |
|------------------|-----------|---------------------|-----------|
| <u>June 1976</u> | | <u>December</u> | |
| Hadley: | | None | |
| Richland | 4N 14W | | |
| | | <u>January 1977</u> | |
| Kell North: | | None | |
| Marion | 1N 3E | | |
| <u>July</u> | | <u>February</u> | |
| None | | None | |
| <u>August</u> | | <u>March</u> | |
| Enfield North: | | None | |
| White County | 5S 8E | | |
| <u>September</u> | | <u>April</u> | |
| None | | None | |
| <u>October</u> | | <u>May</u> | |
| None | | None | |
| <u>November</u> | | | |
| Ferrin: | | | |
| Clinton County | 2N 1W | | |

TABLE II

COMPLETION AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | <u>Producing Oil Wells (Gas in Parentheses)</u> | | | | | <u>New Dry Holes</u> | | | <u>Production</u> | |
|-------------|---|---------------------------|---------------------------|--------------------------|------|----------------------|---------------------|-----------------------|----------------------------|--|
| | Field Wells | Discoveries Field Ext. | Newly Drilled Holes | Reworked Dry Holes | | Field Wells | Wildcat Near Far | Total New Tests | Thousands of Barrels | |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 3 | 88 | 2,254 | |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 4 | 84 | 1,906 | |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 6 | 68 | 2,251 | |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 6 | 78 | 2,261 | |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 4 | 100 | 2,122 | |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 22 | 205 | 2,192 | |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 1 | 58 | 2,170 | |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 10 | 92 | 2,259 | |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 7 | 138 | 2,212 | |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 3 | 94 | 2,185 | |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 4 | 91 | 2,222 | |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 9 | 161 | 2,238 | |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 79 | 1,257 | 26,272 | |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 3 | 58 | 1,719 | |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 1 | 46 | 1,936 | |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 3 | 69 | 2,275 | |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 5 | 66 | 2,170 | |
| May | 58(1) | 0 | 1 | 54(1) | 5 | 22 | 9 0 | 86 | 2,270 | |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through February 1977 are from reports received directly from crude gathering companies. The figures for March, April and May 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, May 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|-------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | OWWO D&A to | New | Conversions Were | | |
| | | | Prod. | D&A | Prod. | | Prod. | Others | |
| Bond | 1 | 1 | 1 | - | - | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | - | 2 | - | 2 | - | - | - | - | - |
| Clark | 1 | 4 | 3 | 1 | - | - | - | - | - |
| Clay | 9 | 13 | 8 | 3 | 1 | - | 1 | - | - |
| Clinton | 1 | - | - | - | - | - | - | - | - |
| Coles | 3 | 2 | 1* | 1 | - | - | - | - | - |
| Crawford | 18 | 13 | 10 | 3 | - | - | - | - | - |
| Cumberland | 1 | 1 | 1 | - | - | - | - | - | - |
| DeWitt | 1 | 2 | 1 | - | - | - | - | 1 | - |
| Edgar | 1 | - | - | - | - | - | - | - | - |
| Edwards | 3 | - | - | - | - | - | - | - | - |
| Effingham | 3 | 5 | 2 | 3 | - | - | - | - | - |
| Fayette | 3 | 4 | 1 | 2 | 1 | - | - | - | - |
| Franklin | 2 | 1 | - | - | 1 | - | - | - | - |
| Gallatin | 1 | 3 | 3 | - | - | - | - | - | - |
| Hamilton | 3 | - | - | - | - | - | - | - | - |
| Jasper | 3 | 1 | - | - | 1 | - | - | - | - |
| Jefferson | 2 | 1 | - | - | - | - | 1 | - | - |
| Lawrence | 4 | 8 | 4 | 1 | - | 3 | - | - | - |
| Macon | 4 | 1 | 1 | - | - | - | - | - | - |
| Macoupin | - | 1 | 1 | - | - | - | - | - | - |
| Marion | - | 4 | 1 | 3 | - | - | - | - | - |
| Randolph | - | 1 | 1 | - | - | - | - | - | - |
| Richland | 1 | 1 | - | 1 | - | - | - | - | - |
| Saline | 1 | 1 | - | 1 | - | - | - | - | - |
| Sangamon | 4 | 1 | - | 1 | - | - | - | - | - |
| Wabash | 2 | 2 | - | 2 | - | - | - | - | - |
| Washington | 1 | - | - | - | - | - | - | - | - |
| Wayne | 20 | 19 | 14 | 3 | 1 | - | 1 | - | - |
| White | 17 | 6 | 2 | 4 | - | - | - | - | - |
| | 111 | 98 | 55 | 31 | 5 | 3 | 3 | 1 | - |

*Gas well

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1977, through May 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, May 1977

| County | Permits to drill ^o | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | 2 | 1 | 1 | - | - |
| Fayette | 5 | 3 | - | 3 | - | - |
| Livingston | <u>2</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> | <u>-</u> |
| | 9 | 5 | 1 | 4 | - | - |

In addition to the above, 10 permits were issued and 1 well completion was reported for structure tests in connection with natural gas storage.

^o Issued by Department of Mines and Minerals, Springfield, Illinois, April 28, 1977, through May 26, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

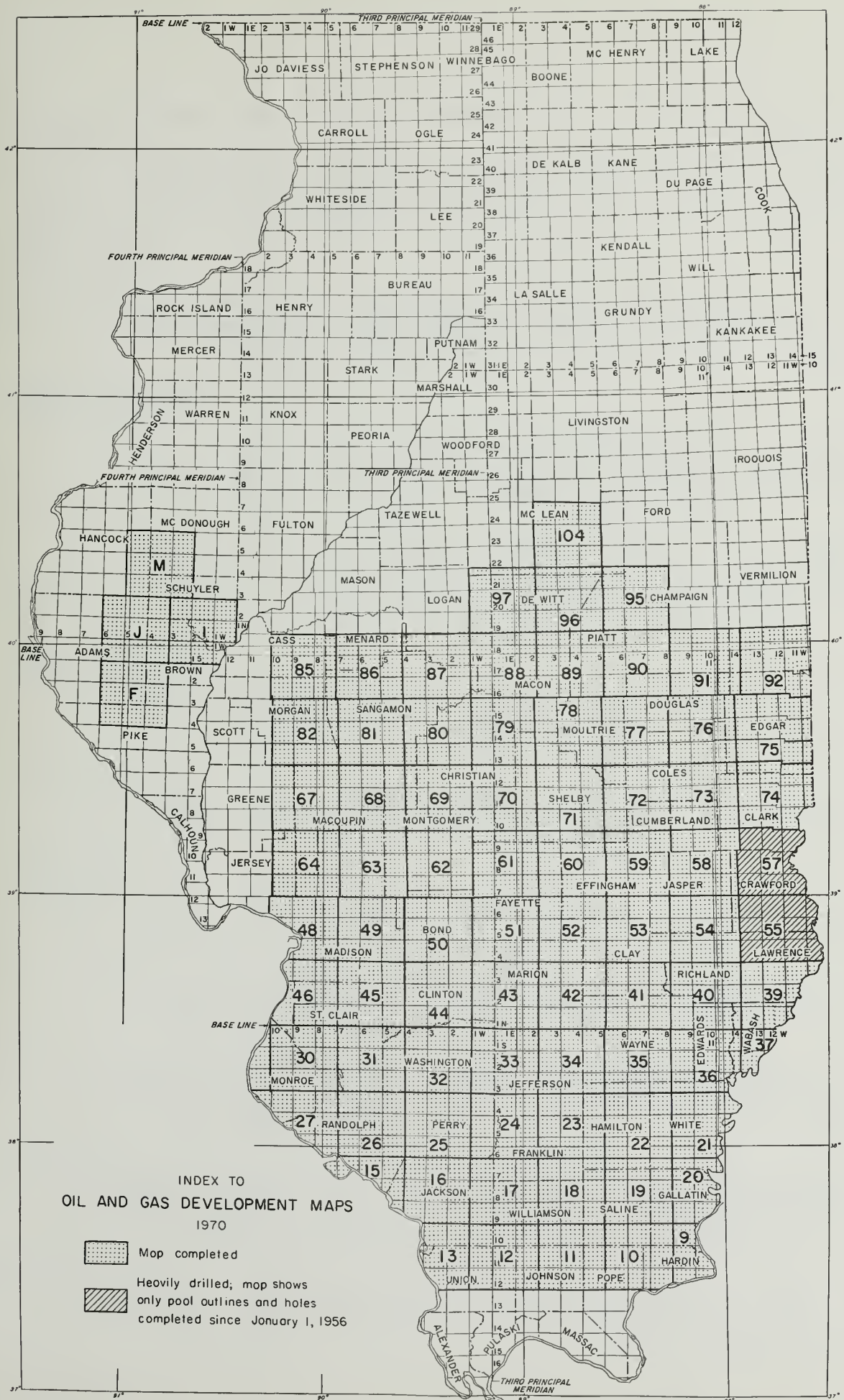
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELL COMPLETIONS REPORTED FROM APRIL 30, 1977 TO MAY 27, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

7N, 2W

- 34, 921'NL, 694'EL, SW SW. Homeier Oil Enterprises, Inc. #1-T Blankenship Communitized. Spd. 10-11-75. Comp. 1-9-76. TD 3180'. Oil producer, IP not available. Trenton, top 3130'. Woburn Consol.

CHAMPAIGN COUNTY

21N, 7E

- 10, 30'SL, 94'EL, NW SW. The Peoples Gas Light & Coke Co. #1 E. Hinton. Spd. 9-3-76. Comp. 9-28-76. TD 4248'. Gas injection/withdrawal. Mt. Simon, top 3958'. Manlove Gas Storage Field.
- 33, 50'NL, 962'EL, NE. Peoples Gas Light & Coke Co. #3 L. J. Kroner. Conversion. Was gas storage observation well (Mt. Simon formation). Comp. 3-15-76. COTD 4014'. Gas injection/withdrawal. Mt. Simon, top 3980'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

14N, 2W

- 20, SW SE NE. Robert H. Evans #2 Oplinger. Spd. 2-10-77. Comp. 5-3-77. TD 1987'. D&A. Devonian, top 1978'. Sharpsburg.

15N, 3W

- 26, NE NW NE. John W. Fawcett #1 Hamel. Spd. 4-20-77. Comp. 4-24-77. TD 1878'. D&A. Silurian, top 1870' (approx.). WN - Roby East.

CLARK COUNTY

9N, 14W

- 2, SW SW NE. Harold Blades #1-A Gard-Weaver Comm. Abd. loc. Johnson North.

- 2, 405'NL, 330'WL, NE NE. Kenneth E. Beeman #1 Montgomery. Spd. 6-30-75. Comp. 8-2-75. TD 398'. IP 1 BOP. Pennsylvanian, top 392', mca. Johnson North.

- 2, NW NW NE. K. E. Beeman #2 L. Montgomery. Spd. 9-2-75 (est.). Comp. 10-20-75. TD 598'. D&A, SO. Claypool (Pennsylvanian), top 506'. Johnson North.

10N, 13W

- 30, 520'NL, 330'WL, NE SE. Fear & Duncan Oil Producers #1-T Carper. Spd. 11-24-76. Comp. 1-17-77. TD 2880'. IP 70 BOP/O BW. Trenton, top 2827', acid and frac. Martinsville.

11N, 14W

- 4, NE SE NW. Jack Mankin #6 Belva Turner. Spd. 3-22-77. Comp. 5-3-77. TD 386'. IP 4 BOP (est.). Pennsylvanian, top 316', shot. Westfield.

CLAY COUNTY

2N, 7E

- 2, SW SW SE. John M. Zanetis #1-A Bayler. Abd. loc. Clay City Consol.
- 2, SE SW SE. John M. Zanetis #2-A A. Bayler. Spd. 4-7-77. Comp.
5-17-77. TD 3690'. IP 100 BOP/some water. Salem, top 3482', acid.
Clay City Consol.
- 13, C E/2 SW SW. John M. Zanetis #5 Shelton. Spd. 4-26-77. Comp.
5-17-77. TD 3660'. Oil producer, IP not available. Salem, top
3538', mca and acid. Clay City Consol.
- 14, SE NE SW. John M. Zanetis #1 Hale-Henderson. Spd. 1-20-77. Comp.
5-17-77. TD 3646'. IP 175 BOP. Aux Vases, top 2952'. Clay City
Consol.
- 14, SW NW SE. John M. Zanetis #1 Henderson. Spd. 3-25-77. Comp.
5-17-77. TD 3606'. IP 125 BOP. Aux Vases, top 2944', frac. Clay
City Consol.
- 14, NW SW SE. John M. Zanetis #1 A. Stanford. Spd. 12-30-76. Comp.
5-2-77. TD 4000'. IP 100 BOP/150 BW. Aux Vases, top 2942', frac.;
Salem, top 3539', acid. Clay City Consol.

2N, 8E

- 9, 430'SL, 330'EL, SW NW. H.A.V.E. Oil Co. #1-B O. Henry. Spd. 3-24-76.
Comp. 3-30-76. TD 2550'. D&A. Golconda, top 2540' (approx.).
Clay City Consol.
- 11, 330'NL, 390'EL, SW. James A. Gray #2 Brown. Spd. 10-29-76. Comp.
11-30-76 (est.). TD 3828'. IP 11 BOP/30 BW. Spar Mountain, top
3052', acid. Clay City Consol.

3N, 7E

- 2, NW NE NE. Franklin Oil Co., Inc. #1 D. Carder. OMNO-OWDD. Was
James C. Franklin #1 D. Carder. Was D&A. OTD 2640'. Comp. 5-1-76.
Recomp. 4-21-77. DTD 2968'. IP 19 BOP/57 BW. Spar Mountain,
top 2960'. Sailor Springs Consol.

4N, 5E

- 5, C S/2 NW SW. Reiter Oil Development #5 Hoffman. Spd. 4-28-77.
Comp. 5-2-77. TD 2537'. D&A. Aux Vases, top 2534'. Iola Consol.

4N, 6E

- 12, NE SW SW. Richard W. Beeson #1 Cecil Bible. Spd. 5-1-77. Comp.
5-17-77. TD 2996'. D&A. St. Louis, top 2993'. NW - Louisville
North.

4N, 7E

- 35, C E/2 NW NW. Petro-Search Assoc., Inc. #1P W. Keck. Spd. 2-5-77.
Comp. 4-22-77. TD 3710'. IP 26 BOP/32 BW. Aux Vases, top 2854',
frac. Sailor Springs Consol.

CLAY COUNTY (continued)5N, 7E

10, 400'NL, 330'EL, NW NW. Texaco, Inc. #21-7 North Bible Grove Unit. Conversion. Was the Ohio Oil Co. #7 L. Gharst. Was Cypress producer. Comp. 5-17-77. COTD 2516'. Water input. Cypress, top 2469'. Sailor Springs Consol.

Irr. 30, 330'SL, 330'WL, NE. Bob Hatfield #1 Della M. Quinn. Spd. 7-27-76. Comp. 1-10-77. TD 2856'. Oil producer, IP not available. McClosky, top 2840'. Toliver East.

COLES COUNTY12N, 7E

11, 430'NL, 990'WL, SW. Safari Oil Co. #3-A Homann. Spd. 3-12-77. Comp. 3-18-77. TD 2258'. D&A. Salem, top 2227'. Mattoon.

27, 400'NL, 330'EL, SE. Energy Producers, Inc. G-#1 Arterburn. Spd. 7-15-76. Comp. 11-11-76. TD 3215'. IP 500 MCF Gas. Devonian, top 3171', acid. Mattoon.

CRAWFORD COUNTY5N, 13W

1, SE SW SW. Energy Resources of Indiana, Inc. #3 Due Heirs II. Spd. 11-15-76. Comp. 12-27-76. TD 1379'. IP 20 BOP/10 BW. Robinson, top 816', frac. Main Consol.

6N, 13W

34, SW NW SE. E. L. Whitmer, Inc. #2 Hicks. Spd. 1-21-77. Comp. 4-26-77. TD 1060'. IP 66 BOP/trace of water. Robinson, top 918', frac. Main Consol.

34, SE NE SW. E. L. Whitmer, Inc. #2 Price. Spd. 1-27-77. Comp. 5-17-77. TD 1070'. IP 15 BOP/10 BW. Robinson, top 926', frac. Main Consol.

7N, 11W

34, NW SW SW. Fair-Rite Products Corp. #1 Fair-Rite Comm. Spd. 3-10-77. Comp. 3-13-77. TD 984'. D&A. Robinson, top 393'. WN - Main Consol.

7N, 12W

10, 447'NL, 448'EL, NE. Mason Oil Co. #1 Charles N. Newlin. Spd. 12-26-76. Comp. 5-3-77. TD 1050'. WFP 15 BOP (est.). Robinson, top 1020'. Main Consol.

10, SW SW NW. Mason Oil Co. #10 Floyd R. & Norma I. Osborn. Spd. 3-14-77. Comp. 5-3-77. TD 1100'. WFP 14 BOP/some water. Robinson, top 1028'. Main Consol.

Irr. 17, 330'NL, 330'WL, SE NW. Mason Oil Co. #2 Donald S. & Marilyn S. Price. Spd. 4-10-77. Comp. 5-3-77. TD 1150'. WFP 6 BOP (est.). Robinson, top 1062'. Main Consol.

CRAWFORD COUNTY (continued)7N, 12W

Irr. 17, 330'SL, 330'WL, SE NW. Mason Oil Co. #3 Donald S. & Marilyn S.
Price. Spd. 4-6-77. Comp. 5-3-77. TD 1150'. WFP 8 BOP (est.).
Robinson, top 992'. Main Consol.

Irr. 17, 330'NL, 360'WL, NE NW. Mason Oil Co. #4 Donald S. & Marilyn S.
Price. Spd. 4-14-77. Comp. 5-3-77. TD 1150'. WFP 5 BOP (est.).
Robinson, top 988'. Main Consol.

30, 330'SL, 305'EL, NW NE NE. Logan Oil Co. #1-A H. C. Homan. Abd. loc.
Main Consol.

7N, 13W

5, 430'NL, 330'WL, NE SE. Arden Dunlap #1-A Noble & Dorothy Sellars
et al. Spd. 11-1-76. Comp. 4-29-77. TD 945'. Temp. abd.
Robinson, top 906'. Main Consol.

15, SE SE NE. C. E. & Virginia Billingsley #1 Marion D. Eaton. Spd.
12-27-76. Comp. 4-26-77. TD 1010'. Oil producer, IP not avail-
able. Robinson, top 954', frac. Main Consol.

15, SW SE NE. C. E. & Virginia Billingsley #2 Marion D. Eaton. Spd.
12-22-76. Comp. 4-26-77. TD 1010'. Oil producer, IP not avail-
able. Robinson, top 958', frac. Main Consol.

8N, 14W

14, 380'NL, 330'EL, SE SE. Scates Exploration Co. #1 Stan Washburn.
Spd. 10-18-76. Comp. 11-25-76. TD 2732'. D&A. Devonian, top
2542'. Bellair.

CUMBERLAND COUNTY10N, 10E

1, SE NW SW. Marathon Oil Co. 1P42 J. Sidwell. Spd. 11-20-76. Comp.
5-5-77. TD 695'. IP 52 BOP/26 BW. Siggins, top 412', frac.
Siggins.

EDWARDS COUNTY11N, 10E

27, 330'NL, 400'WL, NE. Spartan Petroleum Co. #1 Cleatus Satterthwaite.
Spd. 3-26-77. Comp. 5-2-77. TD 3349'. IP 55 BOP/10 BW. McClosky,
top 3287', acid and frac. Samsville West.

2S, 11E

Irr. 19, 840'NL, 330'WL, NW. The Superior Oil Co. #7 F. Wood. Conver-
sion. Was McClosky producer converted to Aux Vases water input
then deepened to Salem and temp. abd. Comp. 4-4-77. COTD
3183'. Water input. McClosky, top 3110'. Albion
Consol.

3S, 10E

9, SE NE NW. M. V. Ring #1 Fannie Bunting. O&W. Was K. Cooper #1
Bunting. D&A. OTD 3422'. Comp. 1-4-55. Recom. 4-5-77. COTD
3422'. D&A. McClosky, top 3368'. NW - Albion West.

EFFINGHAM COUNTY

8N, 4E

Irr. 6, 330'NL, 330'WL, NE SE. Comanche Oil Corp. #1 Seltzar. Spd. 4-13-77. Comp. 5-17-77. TD 3100'. D&A. Lingle, top 3086'.
WN - Louden.

Irr. 7, 480'SL, 430'EL, SW SE. M. L. Niemeyer #1 W. Carlen. Spd. 3-11-77. Comp. 5-3-77. TD 3161'. IP 15 BOP/some water (est.).
Cypress, top 1590', frac. Louden.

Irr. 7, 330'SL, 380'WL, SE NW SW. M. L. Niemeyer #1 Lecrone-Doty. Spd. 2-10-77. Comp. 5-3-77. TD 3140'. IP 26 BOP/60 BW. Devonian,
top 3110', frac. Louden.

9N, 4E

32, SW NW SW. Comanche Oil Corp. #1 Cutler. Spd. 4-27-77. Comp. 5-17-77. TD 3154'. D&A. Sylamore, top 3136'. WN - Louden.

32, 430'NL, 330'WL, SE. Fayette County Oil & Gas Producers #1 Mersman Comm. Spd. 4-14-77. Comp. 5-10-77. TD 3188'. D&A. Devonian,
top 3100'. WN - Louden.

FAYETTE COUNTY

8N, 3E

1, SW NE SE. Marion F. Miller #1 Doty Heirs. OMUO. OMDD. Was D&A. OTD 1682'. Comp. 5-3-76. Recomp. 1-16-77. DTD 3158'. IP 33 BOP/3 BW. Devonian, top 3080', mca, acid and frac. Louden.

2, C W/2 NE SE. W. L. Belden #1 Cornelia. Spd. 4-11-76. Comp. 9-8-76. TD 2914'. IP 2 BOP/120 BW. Aux Vases, top 1718'; McClosky, top 1744', mca and frac. Louden.

22, 607'NL, 305'WL, SW NW. Natural Gas Pipeline Co. #3-D Levi Tipword. Conversion. Was Devonian gas storage observation well. Comp. 4-28-77. COTD 3193'. Gas injection/withdrawal. Devonian,
top 3116'. Louden.

32, 63'NL, 883'EL, SW. Natural Gas Pipeline Co. #13-D Leroy Cummings. Conversion. Was Devonian gas storage observation. Comp. 4-28-77. TD 3333'. Gas injection/withdrawal. Devonian, top 3124'.
Louden.

32, C SE NE. Natural Gas Pipeline Co. of America #16-D William Ireland. Conversion. Was Devonian gas storage observation well. Comp. 4-28-77. COTD 3177'. Gas injection/withdrawal. Devonian,
top 3110'. Louden.

35, 430'SL, 330'EL, SE. Smith Oil Co. #4 Edith K. Smith. Spd. 12-14-76. Comp. 5-3-77. TD 1862'. D&A. Spar Mountain, top 1846'. Louden.

9N, 3E

35, 360'NL, 330'EL, SE SE. W. L. Belden #4-A Gordon. Abd. loc. Louden.

36, NE NW SE. E. C. Reeves #1 St. Pierre. Spd. 4-20-77. Comp. 5-10-77. TD 1695'. D&A. Benoist, top 1680'. Louden.

FAYETTE COUNTY (continued)

9N, 3E

36, 330'NL, 330'EL, NE NW SW. Time Oil Inc. #2 Woods Buzzard. Abd. loc. Loudon.

36, 330'SL, 370'WL, SE NE. E. C. Reeves #1 Coin. Abd. loc. Loudon.

FRANKLIN COUNTY

7S, 3E

32, NE NW SW. Joe A. Dull #1AB Merriman. OWWO. Was Stewart Prod., Inc. & Stewart Bros. #1A Merriman. D&A. OTD 3000'. Comp. 5-24-71. Recom. 12-30-76. COTD 2348'. IP 10 BOP/30 BW. Aux Vases, top 2786', mca and frac. West Frankfort Consol.

CALLAHAN COUNTY

8S, 10E

3, C NW SE. George Mitchell Drlg. Contractor #1 Barn. Spd. 11-16-76. Comp. 2-10-77. TD 2419' (approx.). IP 15 BOP/30 BW. Tar Springs, top 2111', acid. Inman East Consol.

10, SE SW NW. George Mitchell Drlg. Contractor #1 Van Tuyl. Spd. 11-8-76. Comp. 11-24-76. TD 2423'. IP 1 BOP/0 BW. Cypress, top 2418', shot. Inman East Consol.

10, NE SW NW. George Mitchell Drlg. Contractor #2 Van Tuyl. Spd. 11-22-76. Comp. 12-21-76. TD 2427'. IP 1 BOP/0 BW. Cypress, top 2411', shot. Inman East Consol.

JASPER COUNTY

6N, 11E

Irr. 6, 660'SL, 330'WL, SE. Parrish Production Co. #2A Sam Bigard. OWWO. Was Pure Oil Co. #1 G. W. Dillman "B". Was D&A. OTD 2742'. Comp. 7-2-46. Recom. 4-28-77. COTD 2741'. IP 9 BOP/10 BW. McClosky, top 2655'. Clay City Consol.

JEFFERSON COUNTY

2S, 4E

4, SE NE NE. Farmers Petr. Co-Op., Inc. #A-1 WI Snodsmith. Conversion. Was McClosky producer. Comp. 3-14-77. COTD 2950' (est.). Water input. McClosky, top 2936'. Oakdale North.

LAWRENCE COUNTY

2N, 12W

11, SE NW SE. Frances Gillespie #8 Breen. Spd. 9-15-74. Comp. 4-26-77. TD 2010'. Waterflood oil producer, IP not available. Pennsylvanian, top 610'. Lawrence.

11, C E/2 SE SE. Frances Gillespie #7 W. Buchanan. Spd. 3-5-74. Comp. 4-26-77. TD 2373'. Waterflood producer, IP not available. Biehl, top 1260'. Lawrence.

2N, 13W

27, NE NW NE. Big Valley Petro. Corp. #1 Curtis Hughes. OWWO. OWDD. Was V. T. Drlg. #1 F. Thompson. Was D&A. OTD 2732'. Comp. 5-4-48. Recom. 5-10-77. DTD 3303'. D&A. Salem, top 3030' (approx.). WN - Lancaster.

LAWRENCE COUNTY (continued)

3N, 11W

Irr. 27, 330'SL, 330'EL, NW. Raymond A. Messman #1 Claude White. Spd. 10-17-76. Comp. 3-16-77. TD 2400'. IP 20 BOP (est.). Ohara, top 1838', acid. EXTENSION TO LAWRENCE FIELD.

33, NW SW NE. Kenneth E. Musgrove #3 Kyle McClure. Abd. loc. Lawrence.

3N, 13W

13, SE NW NE. Bridgeport Drilg. Co., Inc. #3 Summer-Griggs Comm. Spd. 11-27-76. Comp. 4-12-77. TD 2088'. IP 30 BOP. Spar Mt., top 2046', frac & acid. Lawrence.

4N, 12W

19, 20'SL, 655'WL, NE SE. Marathon Oil Co #RB-19 George Lathrop. Spd. 10-22-76. Comp. 11-15-76 (est.). TD 951'. Water input. Bridgeport, top 322'. Lawrence.

19, 50'SL, 660'EL, SE. Marathon Oil Co. #RB-21 G.L. Miller. Spd. 10-15-76. Comp. 11-20-76. TD 988'. Water input. Bridgeport, top 315'. Lawrence.

19, 5'SL, 10'EL, NE SW. Marathon Oil Co. #NB-19 E. Willey. Spd. 9-7-76. Comp. 10-8-76 (est.). TD 1033'. Water input. Robinson, top 789'. Lawrence.

5N, 11W

27, SE NW NE. W. A. Corley #3 Racop. Spd. 4-15-77. Comp. 4-27-77. TD 3138. D&A. Salem, top 2092'. Main Consol

MACON COUNTY

16N, 1E

22, 330'SL, 580'WL, SE NE. Carl E. Cooper #1 Cooper-Pumphrey. Spd. 10-8-76. Comp. 11-22-76. TD 2022'. IP 6 BOP/3BW. Silurian, top 2003'. Blackland North.

MACOUPIN COUNTY

7N, 7W

16, 30'NL, 515'EL, SE SW NE. I. R. Bernmett #4-A Schreier. Spd. 4-20-77. Comp. 5-20-77. TD 498'. IP 2 BOP/2BW. Pennsylvanian, top 486', natural. Staunton West.

MARION COUNTY

1N, 4E

29, SW NE NE. Pogo Petroleum, Inc. #1 Bachman. Spd. 4-20-77. Comp. 5-2-77. TD 3530'. D&A. Ullin, top 3460' (approx.). Exchange East.

2N, 3E

5, C W/2 NW NW. Goose Creek Oil Co., Inc. #1 C. Glasco. Spd. 4-15-76. Comp. 4-26-76. TD 3906'. D&A. Silurian, top 3836' (est.). Brubaker.

2N, 4E

29, SE SW SW. Farmers Petroleum Cooperative, Inc. #2 Mathilda Koehnke et al. Spd. 4-12-77. Comp. 4-17-77. TD 2745'. D&A. McClosky, top 2680'. WI-Iuka South.

MARION COUNTY (continued)

3N, 3E

Irr. 30, 330'SL, 330'WL, NE SE. Kenneth E. Beeman #1 R. Foster. Spd. 8-5-73. Comp. 8-3-75. TD 3946'. IP 14 BOP/40 BW. St. Louis, top 2534' (est.), acid. Brubaker.

RANDOLPH COUNTY

4S, 6W

1, 990'SL, 390'WL, SE SE. The Anschutz Corp. #1 Anderson. Spd. 5-15-74. Comp. 5-17-77. TD 2077'. IP 63 BOP/19 BW. Silurian, top 2040', acid. Tilden North.

RICHLAND COUNTY

2N, 10E

5, SW NE NW. Spartan Petroleum Co. #1 Blackford et al. Comm. Spd. 5-3-77. Comp. 5-13-77. TD 3976'. D&A. Salem, top 3650' (approx.). Calhoun Consol.

SALINE COUNTY

8S, 5E

26, SE SW NE. Pacific Explor. Corp. #2 Malone. Abd. loc. Harco East.
27, 558'SL, 410'WL, NE SE. Roy W. Powers #2 Mary E. Reynolds. Spd. 4-20-77. Comp. 4-28-77. TD 3055'. D&A. Ste. Genevieve, top 2987'. Harco East.

SANGAMON COUNTY

16N, 3W

26, SE NW SE. W.A. Corley #1 Lester T. Marshall Comm. Spd. 4-6-77. Comp. 4-19-77. TD 1722'. D&A. Silurian, top 1695. Mechanicsburg.

WABASH COUNTY

1N, 11W

17, NE SE NW. Southern Triangle Oil Co. #2 Charles Levings. Spd. 5-2-77. Comp. 5-4-77. TD 1403'. D&A. Biehl, top 1348'. Alledale.

1N, 12W

24, NW SW NE. Whiteside Oil Co. #2 John Marcotte. Spd. 6-8-76. Comp. 4-12-77. TD 1505'. IP 20 BOP/20 BW. Biehl, top 1458', frac. Allendale.

1S, 13W

Irr. 14, 990'SL, 377'EL, SW SE. Spartan Petroleum Co. #4 Raymond Maase et al. Spd. 4-15-77. Comp. 4-19-77. TD 2602'. D&A. St. Genevieve, top 2553' (approx.). New Harmony Consol.

WAYNE COUNTY

1N, 7E

35, NW SE SW. Richard W. Benson #4 Harold Barnard. Spd. 3-5-77. Comp. 5-17-77. TD 3140'. IP 30 BOP/10 BW. Spar Mountain, top 3136', nca. Clay City Consol.

1S, 5E

27, SW SW SE. Louis A. Pessina #6 Katherine Goff. Spd. 4-6-77. Comp. 5-15-77. TD 3700'. IP 230 BOP/tr. wtr. Salem, top 3606', acid. Keenville.

WAYNE COUNTY (continued)

1S, 5E

- 27, 390'SL, 990'EL, SE. Louis A. Pessina #7 Katherina Goff. Spd. 4-19-77. Comp. 5-20-77. TD 3720'. IP 250BOP. Salem, top 3639', acid. Keenville.
- 27, NE NW SE. Fletcher F. Farrar #1 Verl Keen. Spd. 3-1-77. Comp. 4-26-77. TD 3722'. IP 125 BOP/20 BW. Salem, top 3622', acid. Keenville.
- 27, NE SE NW. Fletcher F. Farrar #2 George Reed. Spd. 2-22-77. Comp. 4-18-77. TD 3626'. IP 300 BOP/10 BW. Salem, top 3622'. Keenville.
- 27, SW SE NE. Fletcher F. Farrar #3 George Reed. OIWO & OWDD. Was W. Duncan #1 Geodde Lumber Co. D&A, OTD 3190'. Comp. 11-20-51. Recomp. 4-26-77. DTD 3700'. IP 100 BOP. Salem, top 3616', mca. Keenville.
- 27, 330'SL, 255'WL, SE NW. Fletcher F. Farrar #4 Roy Reed. Spd. 2-27-77. Comp. 4-26-77. TD 3675'. IP 100 BOP/125 BW. Salem, top 3587', acid. Keenville.
- 33, 380'NL, 330'EL, SE NE. Richard W. Beeson #1 Bowyer et al. Spd. 2-26-77. Comp. 4-26-77. TD 3696'. IP 36 BOP/60 BW. Salem, top 3646', mca. Keenville.
- 34, NE NW NW. Texaco, Inc. #3 C.L. Tutt. Spd. 3-7-77. Comp. 5-4-77. TD 3810'. IP 173 BOP/405 BW. Salem, top 3608', acid. Keenville.
- 34, SW NE NW. Texaco, Inc. #4 C.L. Tutt. Spd. 4-1-77. Comp. 4-27-77. TD 4050'. IP 137 BOP/218 BW. Salem, top 3614', acid. Keenville.
- 34, 390'NL, 330'EL, NW. Texaco Inc. #5 C.L. Tutt. Spd. 4-14-77. Comp. 5-3-77. TD 3850'. IP 163 BOP/182 BW. Salem, top 3615', acid. Keenville.
- 34, 330'NL, 270'WL, NE. Texaco, Inc. #6 C.L. Tutt. Spd. 4-28-77. Comp. 5-17-77. TD 3822'. IP 260 BOP/125 BW. Salem, top 3622', acid. Keenville.

1S, 6E

- Irr. 4, 330'NL, 330'WL, SE SW. Chris Pearson, Jr. #2 Florence Lane. Conversion. Was Carter Oil Co. #2 Florence Lane. Was McClosky producer. Comp. 5-17-77. COTD 2050'. SWD. Tar Springs, top 1950'. Johnsonville Consol.
- 11, 720'SL, 990'EL, SE. Van Fossan Assoc. #2 Don Riley, Spd. 4-20-77. Comp. 4-25-77. TD 3234'. D&A. Ste. Genevieve, top 3136'. Johnsonville South.
- 12, NE NE NW. David Allison #2 Yates. Spd. 4-14-77. Comp. 5-2-77. TD 3246'. IP 116 BOP. McClosky, top 3239', natural. Johnsonville Consol.
- 23, NW NE NE. Richard W. Beeson #1 Frederick Beeson. Spd. 4-9-77. Comp. 4-26-77. TD 3873'. D&A. Salem, top 3577'. Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

23, 500'NL, 330'WL, NE SE. Modern Explorations #1 Adolph Kudzia. Spd. 4-8-77. Comp. 5-10-77. TD 3310'. D&A. St. Louis, top 3304'. Johnsonville South.

1S, 8E

Irr. 19, 660'SL, 330'WL, SW. Gordon T. Jenkins #1 Hollinger. Abd. loc. Clay City Consol.

2S, 9E

8, 565'SL, 330'WL, SE SE. Ernest Sherman #1 Matthews. Spd. 12-29-76. Comp. 1-5-77. TD 3374'. IP 35 BOP/7 BW. Spar Mt., top 3318'. Goldengate North Consol.

3S, 6E

7, NE SE NE. Comanche Oil Corp. #1 Kissner. Spd. 3-16-77. Comp. 5-18-77. TD 4190'. IP 110 BOP. Ullin, top 4185', natural. Mayberry.

WHITE COUNTY

4S, 8E

12, NE NE SE. United States Oil Co. #1 Charles O. Williams. Spd. 12-16-76. Comp. 4-18-77. TD 3565'. D&A. St. Louis, top 3548'. WN-Burnt Prairie South.

34, SW NE NW. RK Petroleum Corp. #2 Kerwin Trust. Spd. 4-18-77. Comp. 5-1-77. TD 4442'. D&A. Borden, top 4406'. WN-Springerton South.

4S, 14W

Irr. 7, 330'NL, 990'EL, SE SW. Absher Oil Co. #13 Garfield Parsons. Spd. 4-1-77. Comp. 4-8-77. TD 3178'. D&A. Benoist, top 3107'. Phillipstown Consol.

5S, 8E

9, NW NE NW. RK Petroleum Corp. #4 Triple AAA Ranch. Spd. 3-16-77. Comp. 5-17-77. TD 4392'. IP 50 BOP. Ullin, top 4315'. Enfield North. NEW PAY IN FIELD.

19, SE NE NE. Reynolds & Vincent #2 Lawrence W. Unfried. Abd. loc. Enfield.

19, NW NE NE. Reynolds & Vincent #4 Lawrence W. Unfried. Abd. loc. Enfield.

5S, 10E

21, NE SW NW. Eugene E. Morris #2 Frances Calvert. Spd. 4-2-77. Comp. 5-3-77. TD 4170'. D&A. Ullin, top 3930'. Storms Consol.

5S, 11E

Irr. 18, 1650'NL, 330'WL, NW. Hocking Oil Co., Inc. #1 Gregory Kempf. OWWO-OWDD. Was Calvert Drlg., Inc. #1 C. Ford Tr. Was D&A, OTD 3230'. Comp. 11-15-52. Recomp. 4-26-77. DTD 4460'. D&A. Ullin, top 4025' (approx.). WN-Maunie N. Consol.

WHITE COUNTY (continued)

6S, 10E

28, C NW NE. Jim Haley Production Co. #1 V. Miller. Spd. 10-26-76.
Comp. 1-5-77. TD 4950'. IP 120 BOP. Ullin, top 3074', frac.
Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH MAY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

26-10N-14W, 220'SL, 250'NL, NE SE. States Oil Co. #5 Stratton. 484'.
4-13-77. Johnson North.

CLAY COUNTY

9-2N-8E, SE SW NW. H.A.V.E. Oil Co., Inc. #1-A Henry. 3590'. 5-6-77. Clay City Consol.
20-4N-6E, SE SE NW. McKinney Oil Producer, Inc. #1 Thompson. 2845'.
4-25-77. Louisville.
4-5N-7E, SE SE SE. John J. Callahan #2 Veith. 2534½'. 4-1-77. Sailor Springs Consol.

CLINTON COUNTY

2-2N-3W, 330'SL, 965'WL, SE. Farm Feeds Construction, Inc. #1 Schomaker. 1052'. 4-23-77. Carlyle.
11-2N-3W, 330'NL, 990'EL, NE. Elmer Oelze, Jr. #1 Deters. 1053'. 4-27-77. Carlyle.

COLES COUNTY

22-13N-7E, NW SW SE. Development Assoc. Inc. #3 George Miller. 1915'.
5-5-77. Mattoon North.
22-13N-7E, NE SE SW. Development Assoc. Inc. #4 George W. Miller. 1955'.
5-4-77. Mattoon North.
27-13N-7E, NE NW NE. Development Assoc. Inc. #1 William H. Tracy. 1920'.
5-3-77. Mattoon North.
27-13N-7E, SE NW NE. Har-Ken Oil Co. #2 William H. Tracy, formerly Development Assoc., Inc. 1922'. 5-2-77. (Water input, formerly a producer.)
Mattoon North.

CRAWFORD COUNTY

18-7N-12W, 250'SL, 250'WL, SW NE SW. Wiser Petroleum #10 H. J. Musgrave. 1041'. 5-9-77. Main Consol.

JEFFERSON COUNTY

22-1S-2E, SW SW NW. Nye, Hewitt, & Muller #1 C. O. Sargent. 1937'.
8-17-46. Dix South.
34-2S-1E, NE SE NE. E. M. Self #2 T. Meyers, formerly L. B. Jackson. 1998'.
4-16-77. (Combination salt water disposal and producer.) Woodlawn.
34-2S-1E, 330'SL, 280'EL, NE. L. B. Jackson #3 T. Meyers. 1997'. 4-22-77. Woodlawn.
34-2S-1E, 374'SL, 330'EL, NE. L. B. Jackson #4 T. Meyers. 1832'. 4-20-77. Woodlawn.
25-4S-2E, NE SE NW. Nash Redwine #1 Gale G. Gilbert. 3050'. 8-10-43. Ina.
35-4S-2E, NW NW NE. W. P. Ford #1 Smith Heirs et al. 3250'. 8-14-70. Ina.

LAWRENCE COUNTY

- 15-3N-12W, 400'NL, 400'EL, NE SW. John M. Zanetis #6 William Gillespie, formerly #7 Gillespie. 2360'. 4-21-77. Lawrence.
- 15-3N-12W, 700'SL, 300'WL, SE SW. John M. Zanetis #14 W. H. Gillespie, formerly Ohio Oil Co. #3 G. H. Gillespie, 1650'. 4-27-77. Lawrence.
- 15-3N-12W, 890'NL, 360'WL, NE SW. John M. Zanetis #8 Wm. Gillespie. 1832'. 4-15-77. Lawrence.
- 30-4N-12W, 400'SL, 600'EL, NW SE. Curtis Akin & Co. #2 R. L. Fitch. 945'. 4-13-77. Lawrence.
- 29-4N-12W, 180'SL, 210'EL, SW. Ohio Oil Co. #20 J. B. Lewis. 1401'. 4-18-77. Lawrence.
- 30-4N-12W, 170'NL, 165'WL, SE SE. Ohio Oil Co. #5 L. D. Sutton. 1032'. 3-28-77. Lawrence.

MARION COUNTY

- 10-1N-2E, SW NE SW. A. B. Potter #1 Roy B. Garren. 2141'. 4-8-77. Salem Consol.
- 10-1N-2E, SE NE SW. A. B. Potter #2 Roy B. Garren. 2162'. 4-11-77. Salem Consol.
- 10-1N-2E, NW SE NW. A. B. Potter #1 Luttrell. 2174'. 4-13-77. Salem Consol.
- 21-1N-2E, SW SW NE. E. M. Self #1 Lora E. Burge, formerly C. R. Winn. 2130'. 5-4-77. Salem Consol.
- 21-1N-2E, NW SW NE. E. M. Self #2 Lora Burge, formerly C. R. Winn. 2128'. 5-3-77. (Salt water disposal, formerly a producer.) Salem Consol.
- 9-2N-2E, 460'SL, 330'WL, SE. Texas Co. #8 F. Shanafelt. 2110'. 4-29-77. Salem Consol.

RICHLAND COUNTY

- 29-5N-10E, SW SE SW. Robert L. Runyon #1 Kermicle-Grove Comm., formerly Burt Burrow. 3248'. 4-25-77. Clay City Consol.
- 29-5N-10E, NW SE SW. Robert L. Runyon #1 D. E. Kermicle et al., formerly Burt Burrow Oil Co. 3252'. 4-19-77. Clay City Consol.

ST. CLAIR COUNTY

- 27-3S-7W, 330'SL, 330'WL, NE. Edward C. Rust, Trustee #1 Fred Kirchhoefer. 272'. 4-27-77. Marissa West.
- 27-3S-7W, SW SW SW. Ed. C. Rust #1 Reinhardt-Yesley Communitized. 265'. 4-27-77. Marissa West.

WABASH COUNTY

- 23-1N-13W, SW NW NW. Illinois Mid-Continent & Dee Drlg. Co. #1 Robert Baumgart. 2788'. 4-29-77. Friendsville Central.

WHITE COUNTY

- 23-3S-10E, NE NW SW. Ashland Oil & Rfg. Co. #1 C. Robinson et al. 3011'. 4-14-77. Albion Consol.
- 9-4S-14W, 300'SL, 300'EL, NE SW. Burr Lambert #3 G. P. Calvin. 2231'. 4-13-77. New Harmony Consol.
- 9-4S-14W, SW SW NE. J. H. Vandembark #1-C Hayes-Hon., formerly Haynes Schnacke et al. #C-1 F. M. Hon. 2734'. 4-12-77. (Water input, formerly a producer.) New Harmony Consol.
- 11-5S-10E, 330'NL, 350'EL, NW SE. Richard U. Beeson #2 Earlene Brooks. 2143'. 4-15-77. Phillipstown Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- | | | |
|-------------------------|------|--|
| Ill. Pet. | 99. | Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973). |
| Ill. Pet. | 101. | Underground Storage of Natural Gas in Illinois---1973 (1974). |
| Ill. Pet. | 102. | Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974). |
| Ill. Pet. | 104. | Underground Storage of Natural Gas (1975). |
| Ill. Pet. | 105. | Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975). |
| Ill. Pet. | 106. | Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975). |
| Ill. Pet. | 109. | Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976). |
| Ill. Pet. | 110. | Petroleum Industry in Illinois in 1975 (1976). |
| Cir. 458. | | Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971). |
| Cir. 470. | | Hydrodynamics in Deep Aquifers of the Illinois Basin (1972). |
| Cir. 482. | | The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973). |
| Reprint Ser. 1971-M. | | Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971). |
| EGN 62. | | Energy Supply Problems for the 1970s and Beyond (May 1973). |
| | | Selected List of Available Oil and Gas Publications (March 1, 1977). |

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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AUG 16 1977
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

DISCOVERIES

New Fields

None

New Pay Zones in Fields

- SPRINGERTON SOUTH. White County, 28-4S-8E, Ullin at 4379'.
Discovery well, Perry Fulk #1 Hazelip, IP 15 BOP,
100 Bw.
- SPRINGERTON SOUTH. White County, 29-4S-8E, Salem at 4287'.
Discovery well, Perry Fulk #2 Mary Ward et al Unit,
IP 40 BOP.

Extensions to Fields

- SPRINGERTON SOUTH. White County, 28-4S-8E, Spar Mountain at 3498'.
Discovery well, Perry Fulk #1 W. L. Lewis, IP 50
BOP, 50 Bw (est.).

TABLE I

New Pools Discovered from July 1976 through June 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|------------------|------|------|---------------------|------|------|
| <u>July 1976</u> | | | <u>January 1977</u> | | |
| None | | | None | | |
| <u>August</u> | | | <u>February</u> | | |
| Enfield North: | | | None | | |
| White County | 5S | 8E | | | |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| Ferrin: | | | None | | |
| Clinton County | 2N | 1W | | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | New Dry Holes | | | | Production in | |
|-------------|--|-------------------|------|---------------------|--------------------|-------------|--------------|-----|-----------------|----------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests | Thousands of Barrels |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May | 58(1) | 0 | 1 | 54(1) | 5 | 22 | 9 | 0 | 86 | 2,274 |
| June | 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,200 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through May 1977 are from reports received directly from crude gathering companies. The figure for June 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, June 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | Service Wells | | | | |
|------------|-------------------------------------|----------------|------------------|-----|----------------------------|-----|---------------------|--------|-------------------------|
| | | | | | OWWO D&A to Prod. | | | | |
| | | | New Holes | | | New | Conversions Were | | Struc- ture Tests |
| | | | Prod. | D&A | | | Prod. | Others | |
| Bond | 4 | 1 | - | 1 | - | - | - | - | - |
| Brown | 6 | 1 | - | 1 | - | - | - | - | - |
| Christian | 2 | - | - | - | - | - | - | - | - |
| Clark | 5 | 5 | 3 | 2 | - | - | - | - | - |
| Clay | 20 | 12 | 6 | 6 | - | - | - | - | - |
| Clinton | 3 | 2 | 1 | 1 | - | - | - | - | - |
| Coles | 3 | 1 | - | 1 | - | - | - | - | - |
| Crawford | 12 | 14 | 9* | 2 | - | 1 | 2 | - | - |
| Cumberland | - | 1 | - | 1 | - | - | - | - | - |
| Edgar | 4 | 3 | 2 ⁺ | 1 | - | - | - | - | - |
| Edwards | 10 | 3 | 1 | 2 | - | - | - | - | - |
| Effingham | 7 | 3 | 2 | 1 | - | - | - | - | - |
| Fayette | 3 | 4 | 1 | 3 | - | - | - | - | - |
| Franklin | 5 | 3 | 1 | 1 | - | - | - | 1 | - |
| Gallatin | 1 | 1 | - | 1 | - | - | - | - | - |
| Hamilton | 4 | 6 | 1 | 3 | - | - | - | 2 | - |
| Jackson | 1 | 1 | - | 1 | - | - | - | - | - |
| Jasper | 1 | - | - | - | - | - | - | - | - |
| Jefferson | 6 | - | - | - | - | - | - | - | - |
| Lawrence | 4 | 11 | 5 | 4 | - | 2 | - | - | - |
| McLean | 1 | - | - | - | - | - | - | - | - |
| Macon | 2 | - | - | - | - | - | - | - | - |
| Macoupin | 1 | - | - | - | - | - | - | - | - |
| Madison | - | 1 | - | - | 1 | - | - | - | - |
| Marion | 3 | 5 | 1 | 3 | 1 | - | - | - | - |
| Monroe | 1 | 1 | 1 | - | - | - | - | - | - |
| Montgomery | - | 1 | 1 | - | - | - | - | - | - |
| Perry | - | 1 | - | 1 | - | - | - | - | - |
| Randolph | 3 | - | - | - | - | - | - | - | - |
| Richland | 3 | 1 | - | 1 | 1 | - | - | - | - |
| Saline | 3 | 3 | 2 | - | - | - | 1 | - | - |
| Sangamon | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 14 | 4 | 1 | 1 | - | - | 1 | 1 | - |
| Washington | 2 | - | - | - | - | - | - | - | - |
| Wayne | 31 | 19 | 11 | 7 | 1 | - | - | - | - |
| White | 22 | 19 | 8 | 4 | 2 | 1 | 3 | 1 | - |
| Williamson | 2 | 1 | - | 1 | - | - | - | - | - |
| | 189 | 129 | 57 | 51 | 5 | 4 | 7 | 5 | - |

*Includes 1 gas well

+Gas wells

^oIssued by Department of Mines and Minerals, Springfield, Illinois, May 2, 1977, through June 30, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, June 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Livingston | 3 | - | - | - | - | - |

In addition to the above, 18 permits to drill structure tests were issued, and 1 structure test well was drilled in connection with natural gas storage.

*

* Issued by Department of Mines and Minerals, Springfield, Illinois, May 2, 1977 through June 30, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

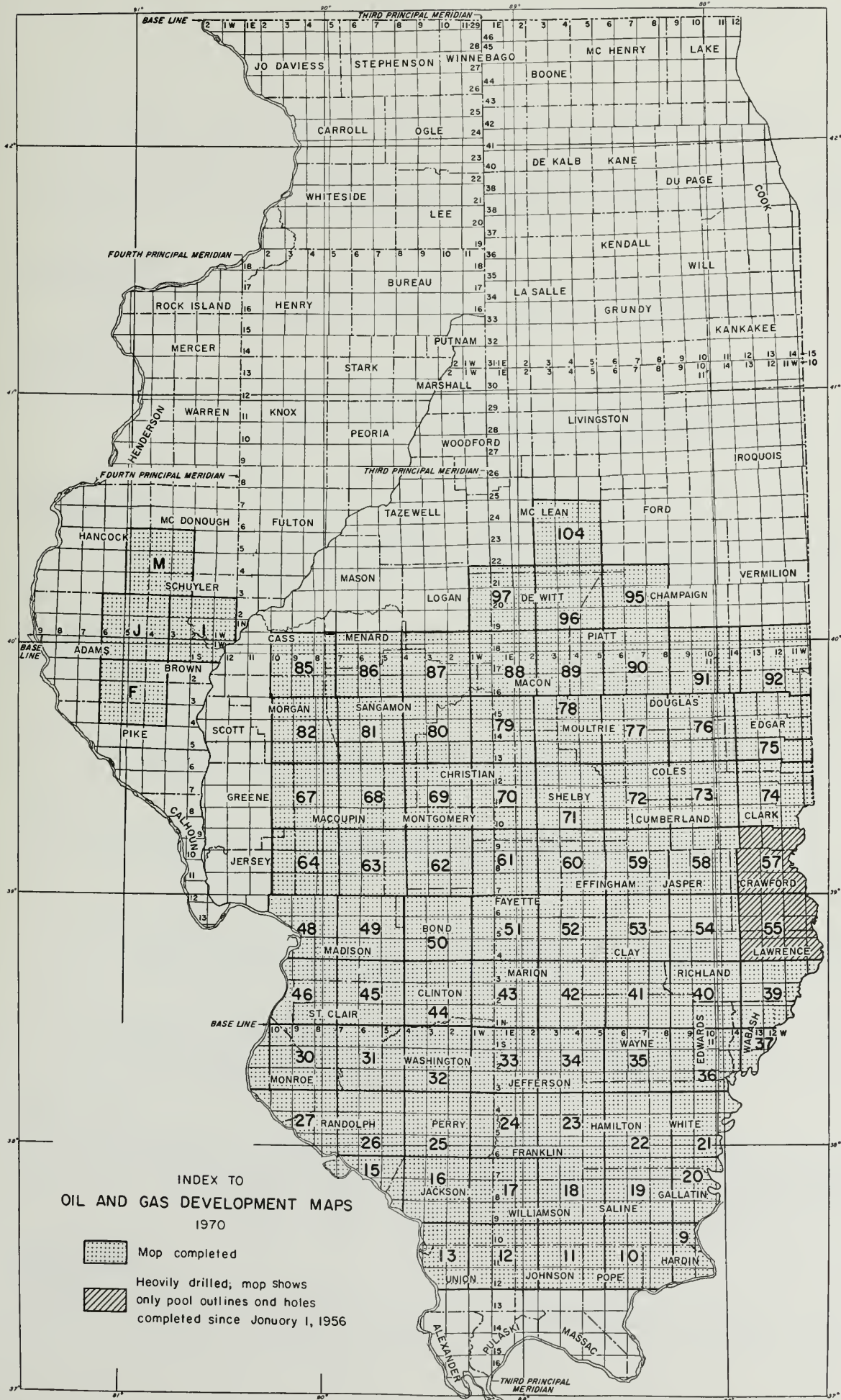
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970



Map completed



Heavily drilled; map shows
only pool outlines and holes
completed since January 1, 1956

WELL COMPLETIONS REPORTED FROM MAY 28, 1977 TO JULY 1, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WI) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2N, 5W

18, SE SW SW. Alfred A. Albers #1A Albers. Abd. loc. WF

BOND COUNTY

5N, 4W

15, 406'NL, 590'EL, SE SW. San Parker #5 Donk. Spd. 5-21-77. Comp. 6-8-77. TD 626'. D&A. Pennsylvanian, top 570 (approx.). Old Ripley.

BROWN COUNTY

2S, 4W

Irr. 4, 660'NL, 330'WL, NE NE. Claude McElvain #1-M McNeff. Spd. 3-3-77. Comp. 5-13-77. TD 687'. D&A. Maquoketa, top 683'. Buckhorn.

CLARK COUNTY

10N, 11W

4, SE SE NW. W. A. Corley #1 Leland Miller. Spd. 5-10-77. Comp. 5-17-77. TD 2410'. D&A. Devonian, top 2355' (approx.) WF.

4, NE SE NW. W. A. Corley #2 Leland Miller. Spd. 5-11-77. Comp. 5-17-77. TD 2385'. D&A. Devonian, top 2365'. WF.

10N, 13W

30, NW SE SE. M. C. Milam #1 Frank Morgan. Spd. 3-2-77. Comp. 5-31-77. TD 2900'. IP 38 BOP. Trenton, top 2820', mca & frac. Martinsville.

30, SW NE NE. Pioneer Oil Co. #1A Shanks & Morgan Farm. Spd. 2-20-77. Comp. 4-17-77. TD 3154'. IP 38 BOP/2 BW. Trenton, top 2814', acid & frac. Martinsville.

Irr. 31, 330'NL, 990'WL, NE SW. Partlow & Cochonour 1A Belva Turner. Spd. 4-9-77. Comp. 5-24-77. TD 2890'. IP 50 BOP/tr. wtr. Trenton, top 2742', mca & acid. Martinsville.

10N, 14W

23, NE SW NE. Stim Oil Co., Inc. #1 Robert B. Brown, OWWO. Was Glenn E. Bennett #2 Burriss. Was plugged and abandoned Carper producer, OTD 1466'. Comp. 10-22-57. Recomp. 6-8-77. COTD 1360'. Temp. abd. Borden, top 935'. Johnson North.

CLAY COUNTY

2N, 8E

9, C S/2 SE SW. GAB Oil Co., Inc. #1 Buchanan. Spd. 5-10-77. Comp. 5-27-77. TD 3665'. IP 78 BOP/10 BW. Salem, top 3563', mca. Clay City Consol.

CLAY COUNTY (continued)3N, 5E

- 36, NW SW NW. Crossroads Oil, Inc. #1-B Chasteen. Spd. 10-2-76.
Comp. 6-7-77. TD 2940'. IP 17 BOP/50 BW. Spar Mountain, top
2894', mca and frac. Kenner.

3N, 7E

- 33, 450'SL, 330'EL, NW NE. C.E.R. Production Co. #1 Bratton. Spd.
10-12-76. Comp. 4-26-77. TD 3053'. IP 23 BOP. Spar Mountain,
top 3016', acid, mca and frac. Sailor Springs Consol.

4N, 6E

- 17, SW SW SE. McKinney Oil Producer, Inc. #1 Stanley. Spd. 5-16-77.
Comp. 6-4-77. TD 2804'. IP 30 BOP/0 BW. McClosky, top 2786',
mca. Louisville.
- 20, NE NE SW. McKinney Oil Producer, Inc. #3 I. Allen. Spd. 5-10-77.
Comp. 5-14-77. TD 2830'. D&A. McClosky, top 2817'. Louisville.
- 20, NE NE NW. McKinney Oil Producer, Inc. #1 Arnold. Spd. 5-6-77.
Comp. 5-28-77. TD 2800'. IP 50 BOP/0 BW. McClosky, top 2790',
nat. Louisville.
- 20, NW NW NE. McKinney Oil Producer, Inc. #1 Kincaid-Stanley Comm.
Spd. 5-22-77. Comp. 5-26-77. TD 2816'. D&A. Ste. Genevieve,
top 2765'. Louisville.
- 20, NE NW NW. Hanson Oil Co., Inc. #1 Smith. Spd. 5-31-77. Comp.
6-4-77. TD 2811'. D&A (SO). McClosky, top 2796'. Louisville.

4N, 7E

- 14, SW NE SE. Hanson Oil Co. #2 Odell Comm. Spd. 3-23-77. Comp.
6-14-77. TD 3012'. D&A. McClosky, top 2950'. Sailor Springs
Consol.
- 35, SW NW NW. Petro-Search Assoc., Inc. #1 Busby-Tooley. Spd.
5-10-77. Comp. 6-29-77. TD 3020'. IP 38 BOP/4 BW. Aux Vases,
top 2852', frac. Sailor Springs Consol.
- 36, SW SW SE. Woodrow Franklin #1-A R. Franklin. Spd. 6-1-75 (est.).
Comp. 6-30-75 (est.). TD 2973'. D&A. Ste. Genevieve, top 2940'
(approx.). Sailor Springs Consol. (This well was erroneously
run as abd. loc. in the July 1976 Drilling Report.)
- 36, SW NW SE. Woodrow Franklin #3-A R. Franklin. Spd. 11-10-76 (est.).
Comp. 12-20-76 (est.). TD 2960'. D&A. Spar Mountain, top 2955'
(approx.). Sailor Springs Consol.

CLINTON COUNTY1N, 1W

- 20, SE SW SE. George E. Kuhn #1 Maroon-Koelling and Schaeffer-
Gerstkemper Comm. O&W/O. Was Max Williams #2 Alvin Schaeffer.
Was D&A. OTD 1315'. Comp. 5-19-65. Recomp. 12-26-76.
COTD 1317'. Temp. abd. Cypress, top 1306'. Wamac West.

CLINTON COUNTY (continued)

1N, 3W

- 29, 1680'NL, 940'WL, SE. John F. Dunnill #1 Catholic Ch. Belleville Diocese. Spd. 6-3-77. Comp. 6-6-77. TD 1330'. D&A. Ste. Genevieve, top 1260' (approx.). WN - Santa Fe.

2N, 3W

- 15, 330'NL, 430'WL, NE NE. R. Wilken; G. Buss; W. Smith #1 H. Haumesser. Spd. 12-1-76. Comp. 4-14-77. TD 1064'. IP $\frac{1}{2}$ BOP/O BW. Golconda, top 948', acid. Carlyle.

3N, 1W

- 13, NW SE SE. Elmer Oelze, Jr. #1 Kreitler. OWDD. Was J. W. Alexander et al. #2 C. Kreitler. Was plugged Bethel producer. OTD 1478'. Comp. 10-17-50. Recomp. 10-2-76. DTD 4045'. IP 19 BOP. Trenton, top 3972'. Fairman. (This well was reported in error in October 1976 Drilling Report as deepening of Alexander #1 Kreitler.)

COLES COUNTY

12N, 14W

- 4, C W/2 SE SE. John Carlson #1 Ruth & William Link. Spd. 12-1-76. Comp. 5-31-77. TD 760'. D&A. Mississippian, top 478'. WF.

CRAWFORD COUNTY

5N, 12W

- Irr. 2, 330'SL, 330'WL, NE SW. M. L. Rich #1 Miles Wilfred Maxwell. Spd. 9-1-76 (est.). Comp. 12-1-76 (est.). TD 990'. Gas well, IP not available. Pennsylvanian, top 604', nat. Main Consol.

5N, 13W

- 1, NE NW NW. Energy Resources of Indiana, Inc. #14 Baldwin-Valdez Comm. Spd. 1-2-77. Comp. 6-14-77. TD 4004'. IP 52 BOP. Trenton, top 3841', acid and frac. Main Consol.
- 2, 1010'NL, 998'WL, SE. Energy Resources of Indiana, Inc. #8 Richart Heirs. Spd. 2-24-77. Comp. 6-7-77. TD 1421'. IP 3 BOP/some water. Robinson, top 854', frac. Main Consol.
- 3, NE SE SE. Reinhold Oil Producers #1 R. Freeman. Spd. 3-22-77. Comp. 4-19-77. TD 2786'. D&A. Robinson, top 1000'. Main Consol.

6N, 12W

- Irr. 15, 330'SL, 330'EL, NW NW. Bellair Oil Co. #2 Jimmie A. Watts. Spd. 5-18-77. Comp. 5-31-77. TD 1590'. D&A. Aux Vases, top 1567'. Main Consol.
- 31, NW NW SE. Jack J. Grynberg #1 Lester Highsmith. Spd. 10-2-75. Comp. 1-22-76. TD 3425'. IP 15 BOP/135 BW. Robinson, top 985', nat. Main Consol. (This well was erroneously run as an OWDD temp. abd. in the February 1977 Drilling Report.)

CRAWFORD COUNTY (continued)

6N, 13W

- 34, NW SW SE. E. L. Whitmer, Inc. #2 Sloan. Spd. 2-5-77. Comp. 5-31-77. TD 1656'. IP 5 BOP/24 BW. Robinson, top 976', frac. Main Consol.

7N, 12W

- 10, 394'SL, 330'EL, SW NW. Mason Oil Co. #11 Floyd R. & Norma I. Osborn. Spd. 4-16-77. Comp. 5-31-77. TD 1100'. IP 15 BOP. Robinson, top 1030', frac. Main Consol.
- 19, 150'SL, 330'EL, NE SE. Logan Oil Co. #1 Kirk Comm. Conversion. Was Salem producer. Comp. 5-15-76. COTD 1844'. SWD. Robinson, top 930'; Salem, top 1841'. Main Consol.
- 19, 430'SL, 360'EL, SW SE. Logan Oil Co. #2 O. Walters. Conversion. Was Salem producer. Comp. 5-21-77. COTD 1814'. SWD. Salem, top 1800'. Main Consol.

7N, 13W

- 21, 90'NL, 200'EL, SE. Marathon Oil Co. CT #1 Levi Henry Acct. #1. Spd. 5-10-76. Comp. 5-14-76. TD 1028'. Oil well, IP not available. Robinson, top 90', nat. Main Consol.
- 21, 71'NL, 424'EL, SE. Marathon Oil Co. MM-701 Levi Henry Acct. #1. Spd. 5-21-76. Comp. 5-28-76. TD 1027'. Oil well, IP not available. Robinson, top 980', nat. Main Consol.
- 21, 61'NL, 426'EL, SE. Marathon Oil Co. MM-702 Levi Henry Acct. #1. Spd. 5-28-76. Comp. 6-3-76. TD 1027'. Oil well, IP not available. Robinson, top 981', nat. Main Consol.

8N, 12W

- 32, NE NE SW. Bellair Oil Co. #1 Richards-Novosel. Spd. 2-16-77. Comp. 5-31-77. TD 1082'. IP 10 BOP. Robinson, top 1010', frac. Main Consol.

8N, 13W

- 25, 1'SL, 660'WL, NE SE. Used Oilfield Equipment BW-1 R. A. Biddle. Abd. loc. Main Consol.
- 25, C NW SE. Used Oilfield Equipment #u-2 John Patelski. Spd. 8-20-75. Comp. 9-10-75. TD 1024'. Water input. Robinson, top 991'. Main Consol.
- 25, C SW NE. Used Oilfield Equipment #u-1 Floyd & Julia Wagoner. Abd. loc. Main Consol.

CUMBERLAND COUNTY

9N, 11E

- 19, 330'NL, 380'WL, NE. B. R. & B. Oil Co. #2 M. Norton. Spd. 3-15-77. Comp. 4-10-77. TD 1032'. D&A. Cypress, top 1015' (approx.). WN - Oak Point West.

EDGAR COUNTY12N, 13W

5, SE SE NE. Earnest Zink #1 Bright. Spd. 5-6-77. Comp. 5-16-77.
TD 550'. IP 125 MCFG/D. Pennsylvanian, top 440'. Grandview.

5, SW SE NE. Earnest Zink #2 Bright. Spd. 4-20-77. Comp. 4-29-77.
TD 535'. IP est. 350 MCFG/D. Pennsylvanian, top 435'. Grandview.

12N, 14W

14, NE NE NW. Earnest Zink #3 Wheeler. Spd. 7-23-76. Comp. 7-25-76.
TD 444'. Gas well, IP not available. Isabel (Pennsylvanian),
top 436', nat. Inclose. (This well was erroneously run as
D&A in the December 1976 Drilling Report.)

13N, 13W

33, 800'SL, 60'EL, SW. Earnest Zink #10 Clapp. Spd. 1-10-76. Comp.
1-25-76. TD 595'. D&A. Pennsylvanian, top 583'. Grandview.

EDWARDS COUNTY1N, 10E

Irr. 5, 330'SL, 330'WL, SE NW. Spartan Petroleum Co. #1 Clyde Shelby.
Spd. 5-15-77. Comp. 5-26-77. TD 4160'. D&A. Ullin, top 4110'.
WN - Maple Grove Consol.

17, SW SE NE. A.L.K. Oil Co. #1 Richard Knackmuhs. OWWO. Was J. E.
Bauer #1 Knackmuhs. Was D&A (SO). OTD 3299'. Comp. 6-11-46.
Recomp. 6-21-77. COTD 3301'. D&A. McClosky, top 3297'.
Maple Grove Consol.

Irr. 18, 990'NL, 330'WL, NE NW. R. Michael Harris, Inc. #1-B Nellie
R. Van Schoick. Spd. 5-24-77. Comp. 6-9-77. TD 5220'. D&A.
Devonian, top 5160' (approx.). Maple Grove Consol.

22, 330'NL, 380'WL, SE SE. Spartan Petroleum Co. #2 Leonard Garnan.
Spd. 4-10-77. Comp. 5-31-77. TD 4175'. IP 20 BOP/40 BW. Ullin,
top 4143'. Samsville West. NEW PAY IN FIELD.

EFFINGHAM COUNTY6N, 7E

28, SW NW NE. Ken-Tex Oil Corp. #D-4 A. Joergens. Spd. 5-13-77.
Comp. 5-21-77. TD 2900'. D&A. McClosky, top 2875' (approx.).
Sailor Springs Consol.

8N, 4E

Irr. 6, 330'NL, 330'WL, NE NW NW. Tri-Star Producing, Inc. #1 Doty-
Sproat. Spd. 3-25-77. Comp. 6-21-77. TD 3170'. IP 65 BOP.
Sylamore (Devonian), top 3104'. Loudon.

9N, 4E

31, 330'NL, 530'WL, SE. Tri-Star Producing, Inc. #2 Maxfield. Spd.
4-1-77. Comp. 6-21-77. TD 3172'. IP 100 BOP plus. Sylamore
(Devonian), top 3118'. Loudon.

FAYETTE COUNTY

3N, 3E

- 4, SE SE SE. Lowell Redman #1 Roy Julius. Spd. 3-23-77. Comp. 4-3-77. TD 3248'. D&A. Devonian, top 3156'. Louden.

9N, 3E

- 29, SW SE SW. Thornton R. Blackwell #1 B. Evans. OWWO. Was Phillips Pet. Co. #1 Evans "C". D&A. OTD 3303'. Comp. 3-9-75. Recom. 4-26-77. COTD 900'. D&A-lost hole. WF.

- 29, SE SE SW. Thornton R. Blackwell #2 Burl Evans. Spd. 5-25-77. Comp. 6-3-77. TD 3504'. D&A. Geneva, top 3425'. WF.

- 35, NE NE SW. James A. Southerland #3 Anderson. Spd. 4-18-76. Comp. 6-14-76. TD 1658'. IP 75 BOP. Benoist, top 1620', mca and frac. Louden.

- 36, 330'SL, 370'WL, SE NE. E. C. Reeves #1 Coin. Spd. 5-31-77. Comp. 6-3-77. TD 1701'. D&A. Benoist, top 1680'. Louden.
(This well was erroneously run as abd. loc. in May 1977 Drilling Report.)

FRANKLIN COUNTY

5S, 3E

- 3, SW SW NE. David F. Terley #1 Cochrane. Spd. 5-6-77. Comp. 5-24-77. TD 3951'. D&A. Ullin, top 3801'. Ewing.

5S, 4E

- 16, 330'NL, 930'WL, SW NW. C. E. Brehm Drilling & Prod. #1 Ingram Comm. Abd. loc. Taylor Hill.

- 16, NE NW NE. C. E. Brehm Drilg. & Prod. #1 Webb. Abd. loc. Taylor Hill.

7S, 3E

- 32, 330'SL, 300'EL, NW SW. Joe A. Dull #1B Drone. Spd. 4-16-76. Comp. 5-22-76. TD 2790'. IP 18 BOP/10 BW. Aux Vases, top 2771', frac. West Frankfort Consol.

- 32, 295'NL, 310'EL, SW SW. Joe A. Dull #2-B Drone. Conversion. Was dry hole, temp. abd. Comp. 7-13-76. OTD 2851'. Recom. 7-20-76 (est.). COTD 1190' (approx.). Pennsylvanian, top 1112'. West Frankfort Consol.

GALLATIN COUNTY

9S, 10E

- 11, NW SW NE. Richard W. Beeson #1 Agrarian Ent. Spd. 11-29-76. Comp. 6-21-77. TD 2862'. D&A. McClosky, top 2758'. Fehrer Lake.

HAMILTON COUNTY

5S, 5E

- 34, SE SE SW. Juniper Petro. Corp. #48-34 Clark-Managhin. Spd. 3-1-77. Comp. 5-20-77 (est.). TD 4230'. D&A (clean out to 3404 and convert to SWD). Cypress, top 2940'; McClosky, top 3394'. Rural Hill North.

HAMILTON COUNTY (continued)

5S, 7E

- 33, NW SE SW. South Eastern Oil Prod. Co., Inc. #1 Julius Thompson. Spd. 5-5-77. Comp. 5-31-77. TD 3316'. D&A. McClosky, top 3259'. WN - Hoodsville East.

6S, 5E

- 3, NW NE NW. Juniper Petro. Corp. #31-3 Clark et al. Spd. 2-11-77. Comp. 5-25-77. TD 4454'. IP 11 BOP/42 BW. Ullin, top 4216', acid. Rural Hill North.

6S, 6E

- 12, NW NE SW. Texaco Inc. 20-#1 Dale Unit Tr. Water input well work-over. Was Bethel and Aux Vases water input. Comp. 5-30-77. COTD 3067'. Water input. Cypress, top 2748'; Bethel, top 2930'; Aux Vases, top 3026'. Dale Consol.

6S, 7E

- 23, C E/2 NW SE. Duke Resources Corp. #2 Bonan. Spd. 5-27-77. Comp. 6-7-77. TD 4302'. D&A. Ullin, top 4200' (approx.). WN - Broughton.

JACKSON COUNTY

8S, 2W

- 20, SE SE NE. Emerson Ent., Inc. #1 William F. Herring. Spd. 5-20-77. Comp. 6-7-77. TD 1947'. D&A. Spar Mountain, top 1814'. WF.

JASPER COUNTY

7N, 10E

- 22, 370'SL, 330'WL, NE. J. E. Brown #1 Hume-Burton-Marshall Comm. OWWO. Was C. B. & M. Oil Co. #1 Hume-Burton-Marshall Comm. Was D&A. OTD 3033'. Comp. 8-16-66. Recom. 9-16-76. COTD 2850'. D&A. McClosky, top 2709'. Clay City Consol.

LAWRENCE COUNTY

2N, 12W

- 11, NW NE SE. Frances Gillespie #9 Buchanan. Spd. 10-19-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1270' (est.). Lawrence.
- 11, SW NE SE. Frances Gillespie #10 Buchanan. Spd. 10-23-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1268' (est.). Lawrence.
- 11, SE NE SE. Frances Gillespie #11 Buchanan. Spd. 10-13-74. Comp. 6-21-77. TD 1300'. Waterflood producer, IP not available. Biehl, top 1272' (est.). Lawrence.
- 11, 430'NL, 330'EL, SE NE. Frances Gillespie #14 Ridgley. Spd. 4-9-75. Comp. 5-24-77. TD 3450'. Waterflood producer, IP not available. Biehl, top 1236'; Cypress, top 1642'. Lawrence.
- 22, SE NE NE. Wayne Smith, Operator, Inc. #1 Virgil Deckard. Spd. 5-19-77. Comp. 5-25-77. TD 1856'. D&A. Cypress, top 1790' (approx.). Allendale.

LAWRENCE COUNTY (continued)

3N, 11W

32, NW SW SE. Raymond A. Messman #1 Clarence Akin et al. Spd. 10-11-76.
Comp. 3-16-77. TD 2337'. D&A. Salem, top 2268'. Lawrence.

3N, 12W

26, 300'SL, 20'WL, NE NE. Wayne Smith, Operator, Inc. #W 1 R George
Leighty. Spd. 5-12-77. Comp. 5-17-77. TD 1330'. D&A. Biehl,
top 1310' (approx.). Lawrence.

4N, 12W

19, 50'SL, 660'EL, SW. Marathon Oil Co. #MB-21 C. S. Berkshire. Spd.
8-30-76. Comp. 9-30-76 (est.). TD 920'. Water input. Bridge-
port, top 805'. Lawrence.

29, 46'SL, 660'EL, SW. Marathon Oil Co. #VB-29 J. B. Lewis. Spd.
11-30-76. Comp. 5-1-77 (est.). TD 1135'. Water input. Bridge-
port, top 928'. Lawrence.

4N, 13W

24, SE SW SW. C.E.R. Production Co. #2 Miller. Spd. 11-18-76. Comp.
6-14-77. TD 1925'. IP 35 BOP. McClosky, top 1890', acid.
Lawrence.

5N, 11W

29, 387'NL, 387'WL, NE SE. Columbo Ent. #1 R. Riker. Spd. 4-16-77.
Comp. 5-20-77 (est.). TD 980'. Temp. abd. Robinson, top 980'.
Main Consol.

MADISON COUNTY

6N, 6W

34, NE NE NE. Howard E. Cleff #2 Mae Olive Leitch. OWWO. Was S. B.
Schenk #2 Oliva Leitch. Was D&A. OTD 620'. Comp. 10-21-52.
Recomp. 3-23-77. COTD 571'. IP $\frac{1}{2}$ BOP/50 BW. Pennsylvanian,
top 550'. Livingston South.

MARION COUNTY

1N, 2E

16, SW NE SE. Ego Oil Co., Inc. #1 Fricke. OWWO-OWDD. Was C. R. Winn
#1 Fricke. Was D&A. OTD 2173'. Comp. 1-7-58. Recom. 10-31-76.
DTD 2528'. IP $3\frac{1}{2}$ BOP/100 BW. St. Louis, top 2314', acid;
Salem, top 2510', acid. Salem Consol.

34, NE NE SE. Peter S. Smalley #2 Hester. Spd. 8-15-76. Comp.
3-16-77. TD 2648'. D&A. Salem, top 2505'. Salem Consol.

2N, 2E

20, 1019'SL, 382'EL, SW. Texaco, Inc. #34 M. Young Heirs, Salem Unit
O/A Tract 34. Conversion. Was the Ohio Oil Co. #34-Matthew Young
Hrs. Was Devonian producer deepened to Trenton producer.
Recomp. as St. Louis-Salem producer, converted to Aux
Vases water input. Comp. 6-7-77. COTD 2240'.
IP 4 BOP/247 BW. Salem, top 2165'. Salem
Consol.

MARION COUNTY (continued)

3N, 2E

- 34, NE NW NE. Collins Bros. Oil Co. #1 Mildred Fuld. Spd. 4-16-77.
Comp. 4-30-77. TD 3308'. D&A. Devonian, top 3665' (est.).
WN - Tonti.

4N, 1E

- 26, NE SW SW. Fred Seip #4 L. P. Hill. Spd. 5-14-77. Comp. 6-21-77.
TD 1374'. IP 25 BOP. Cypress, top 1360', shot. Patoka East.
- 32, SE SE SW. Caliente Oil Co. #1 Jake Davis et al. Spd. 6-8-77.
Comp. 6-9-77. TD 1484'. D&A. Benoist, top 1479'. WN - Patoka
South.

MONROE COUNTY

2S, 10W

- 11, SE SW NE. John W. Kelly #2 Ralph Kolmer. Spd. 10-15-76. Comp.
10-18-76. TD 410'. Oil well, IP not available. Trenton, top
410'. Waterloo.

MONTGOMERY COUNTY

8N, 5W

- 22, NW SE NE. MP Gas & Oil Exploration #1 Ferrari. Spd. 9-20-67.
Comp. 9-25-67. TD 630'. IP not available. Pennsylvanian, top
625'. Litchfield South.
- 22, NE SW NE. MP Gas & Oil Exploration #2 Ferrari. Spd. 10-18-67.
Comp. 10-18-67. TD 650'. IP not available. Pennsylvanian, top
626'. Litchfield South.
- 22, NW SW NE. MP Gas & Oil Exploration #3 Ferrari. Spd. 10-23-67.
Comp. 10-28-67. TD 635'. IP not available. Pennsylvanian, top
609'. Litchfield South.

11N, 5W

- 31, SE SW NE. M & N Oil Co. #1-A Street. Spd. 5-25-77. Comp. 6-7-77.
TD 617'. Oil well, IP not available. Pennsylvanian, top 612',
frac. Waggoner.

12N, 5W

- 17, NE NE SW. George Ankarlo #1 Deal. Abd. loc. WF.

PERRY COUNTY

4S, 4W

- 36, NE NW SW. James H. Donnewald #1 Blythe. Spd. 6-1-77. Comp.
6-4-77. TD 1550'. D&A. Ste. Genevieve, top 1500' (approx.).
WF.

RICHLAND COUNTY

3N, 9E

- Irr. 31, 330'NL, 330'WL, SE SE. Donald L. Lewis #1 J. Brown. Spd.
2-9-77. Comp. 2-16-77. TD 3179'. D&A. St. Louis, top 3150'
(approx.). WN - Schnell.

RICHLAND COUNTY (continued)

3N, 14W

- 33, SW SW SW. Dr. Kent L. Wattleworth & Walter L. Bunn #1 O. Griesmer. OWWO. Was Mohawk Drlg. #1 R. P. McNair. Was D&A (SO). OTD 3137'. Comp. 3-29-44. Recomp. 6-21-77. TD 70'. Junk in hole-Abd. Parkersburg Consol.

4N, 14W

- 26, NE SW SW. C E R Prod. Co. #1 G. Ginder. Spd. 7-24-76. Comp. 1-1-77. TD 3021'. Temp. abd. Ste. Genevieve, top 2935'. Hadley. (This well was erroneously run as a producer in the March 1977 Drilling Report.)

SALINE COUNTY

7S, 5E

- 30, SW NW NE. C. E. Brehm Drlg. & Prod. #2 Gill-William Comm. Conversion. Was Aux Vases producer. Comp. 7-1-76. COTD 3151'. Water input. Aux Vases, top 3138'. Dale Consol.

3S, 5E

- 27, 720'SL, 330'EL, NE SE. Roy W. Powers #1 Mary E. Reynolds. Spd. 3-24-77. Comp. 5-24-77. TD 3054'. IP 52 BOP/20 BW. Cypress, top 2627', frac. Harco East.

8S, 6E

- 15, 330'NL, 680'WL, NW. Pacific Exploration #1 Guest. Spd. 10-23-75 (est.). Comp. 10-30-75 (est.). TD 2670'. D&A. Cypress, top 2620' (approx.). Raleigh. (This well was erroneously run as a producer in the May 1976 Drilling Report.)

- 15, 330'NL, 750'WL, NW. Pacific Exploration Corp. #1A Guest. Spd. 12-20-75. Comp. 4-15-76. TD 3028'. IP 24 BOP/4 BW. Aux Vases, top 2952', frac. Raleigh.

SANGAMON COUNTY

16N, 2W

- 35, NE NW NE. Gerald Potter #1 Brock. Spd. 5-20-77. Comp. 6-7-77. TD 1785'. D&A. Silurian, top 1757'. WF.

WABASH COUNTY

2N, 11W

- 32, 330'NL, 510'WL, NW. RK Petro. Corp. #1 Warner Buchanan. Spd. 5-25-77. Comp. 5-31-77. TD 2850'. D&A. Salem, top 2468'. Allendale.

1S, 12W

- 3, 300'SL, 330'WL, NE. The Superior Oil Co. #2 J. H. Zimmerman. Conversion. Was Cypress water input. Comp. 6-3-77. COTD 2064'. Water input. Biehl, top 1552'; Cypress, top 2032'. Mt. Carmel.

- Irr. 19, 430'NL, 330'EL, NW NE. Spartan Petro. Co. #1 Tennes "B" Unit. Spd. 4-20-77. Comp. 6-14-77. TD 3078'. IP 20 BOP/60 BW. Cypress, top 2049', mca. Mt. Carmel.

WABASH COUNTY (continued)1S, 13W

Irr. 14, 660'SL, 330'WL, SE SE. Spartan Petro. Co. #2 Robert Pfieffer.
Abd. loc. New Harmony Consol.

2S, 13W

Irr. 5, 330'SL, 330'EL, SW SE. Universal Operating, Inc. #1 Grace
Joachim. Conversion. Was Bump Oil Co. #1 Grace Joachim. Was
Cypress and Bethel producer. Comp. 6-15-77. COTD 2563'.
Water input. Cypress, top 2416'; Bethel, top 2538'.
New Harmony Consol.

WASHINGTON COUNTY2S, 1W

9, NW NE SE. Cecil W. Newcomb #1 Ralph Schnake. OWWO-OWDD. Was
Cecil W. Newcomb #1 Ralph Schnake. Was D&A. OTD 1642'. Comp.
12-23-76. Recomp. 5-14-77. DTD 3325'. D&A. Devonian, top
3275'. WN - Richview.

WAYNE COUNTY1N, 7E

35, NW SE NW. Richard W. Beeson #5 Harold Barnard. Spd. 3-28-77.
Comp. 6-7-77. TD 3105'. IP 75 BOP. Spar Mountain, top 3099',
mca and acid. Clay City Consol.

1N, 8E

Irr. 2, 330'SL, 660'WL, NE SW. Republic Oil Co., Inc. #4 Shackleford.
Spd. 4-20-77. Comp. 5-15-77. TD 3365'. IP 35 BOP/2 BW. Ohara,
top 3095', acid. Clay City Consol.

9, SE SE SW. Hanson Oil Co., Inc. #1 Obrecht. Spd. 5-25-77. Comp.
6-2-77. TD 3650'. D&A. Salem, top 3380' (approx.). Clay City
Consol.

1N, 9E

22, SW NE SE. Energy Resources #5 P M Weber. Spd. 2-24-76. Comp.
3-10-76. TD 4057'. IP 25 BOP/30 BW. Salem, top 3910'; Ullin,
top 4050', acid. Maple Grove Consol. ULLIN NEW PAY IN
FIELD. (Was run in September 1976 Drilling Report as a
producer from the Aux Vases only.)

2N, 7E

23, NW NE NE. John M. Zanetis #5 Broyles. Spd. 4-26-77. Comp.
5-23-77. TD 3623'. IP 50 BOP/100 BW. Salem, top 3534', acid.
Clay City Consol.

24, SW SW SW. Union Oil Co. of Calif. #5 Lafayette Gill. Spd.
5-16-77. Comp. 6-24-77. TD 3640'. IP 123 BOP/134 BW. Aux Vases,
top 2893', frac.; Salem, top 3300', acid. Clay City Consol.

35, SE NW SW. Union Oil Co. of Calif. #1 George Hearn. OWWO & OWDD.
Was Pure Oil. Was D&A. OTD 3090'. Comp. 10-26-43. Recomp.
5-24-77. DTD 3855'. D&A. Warsaw, top 3796'. Clay City
Consol.

WAYNE COUNTY (continued)

2N, 8E

- 21, C E/2 SW SW. Santoro Oil Co., Inc. #1 Skelton. Spd. 1-2-77.
Comp. 5-24-77. TD 3757'. IP 82 BOP. Spar Mountain, top 3024',
mca. Clay City Consol.
- 25, 660'NL, 330'WL, NE NW. Russell E. McDowell #2 G. Wilson. OWWO &
OWDD. Was J. W. Rudy #1 M. Wilson C. Was D&A. OTD 3056'. Comp.
7-21-53. Recomp. 6-27-74. DTD 3850'. D&A. Salem, top
3410' (approx.). Clay City Consol.
- 29, NW NE NE. Louis H. Kapp, Jr. #1 Clarence Hosselton. OWWO & OWDD.
Was Don Slape #2 S. O. Hosselton. Was D&A. OTD 3073'. Comp.
2-3-48. Recomp. 6-7-77. DTD 3695'. D&A. Salem, top 3380'.
Clay City Consol.

1S, 5E

- 7, SW SW SW. Louis H. Kapp, Jr. #1 Bert Minor. Spd. 6-6-77. Comp.
6-15-77. TD 3576'. D&A. Salem, top 3280'. WN - Coil.
- 26, 330'SL, 300'WL, SW. Louis A. Pessina #8 Katherina Goff. Spd.
5-3-77. Comp. 5-12-77. TD 3720'. Temp. abd. Salem, top 3466'.
Keenville.
- 27, 585'SL, 330'WL, NW. Fletcher F. Farrar #3 Roy Reed. Spd. 3-11-77.
Comp. 6-7-77. TD 3657'. IP 25 BOP/25 BW. Salem, top 3642',
acid. Keenville.
- 28, 330'SL, 380'EL, NE. Booth Oil Co., Inc. #1 McCord. Abd. loc.
Keenville.
- 34, 400'NL, 370'EL, NE. Louis A. Pessina #10 Katherina Goff. Spd.
5-30-77. Comp. 6-16-77. TD 3817'. D&A. Ullin, top 3760'
(approx.). Keenville.
- 34, NE NW NE. Texaco, Inc. #7 C. L. Tutt. Spd. 5-12-77. Comp.
5-30-77. TD 3815'. IP 290 BOP/140 BW. Salem, top 3614', acid.
Keenville.

1S, 6E

- 11, SW SE NW. Republic Oil Co., Inc. #2 Pennington. OWWO-OWDD. Was
T. M. Bane #1 Kieffer Hrs. Was D&A. OTD 3060'. Comp. 11-15-54.
Recomp. 6-1-77 (est.). DTD 3330'. IP 5 BOP/5 BW. McClosky,
top 3164'. Johnsonville South.
- 11, 380'SL, 330'EL, SE. Van Fossan Assoc. #1A Don Riley. Spd.
4-13-77. Comp. 5-15-77 (est.). TD 3245'. D&A (SO). McClosky,
top 3233'. Johnsonville South.
- 11, NE NW SW. Republic Oil Co. #1 Stevenson. Spd. 5-5-77. Comp.
6-4-77 (est.). TD 3330'. IP 10 BOP/5 BW. McClosky, top 3168',
acid. Johnsonville South.
- 12, NE NW NW. Booth Oil Co., Inc. #1 Wilson. Abd. loc. Johnsonville
Consol.

WAYNE COUNTY (continued)1S, 6E

- Irr. 12, 990'NL, 330'EL, NE NW NW. Booth Oil Co., Inc. #2 Wilson. Spd. 5-8-77. Comp. 5-14-77. TD 3255'. D&A. McClosky, top 3250'. Johnsonville Consol.
- 23, SE SE SW. Fletcher F. Farrar #1 Stevens-Davis. Spd. 3-15-77. Comp. 6-7-77. TD 3836'. IP 16 BOP/4 BW. Ohara, top 3154', acid & mca. Johnsonville South.
- 27, NW SE NE. Joe A. Dull #1 Glen Jackson. ONWO-OWDD. Was Joe Dull #1 Glenn Jackson. Was D&A, OTD 3212'. Comp. 1-23-68. Recom. 5-1-77. DTD 3938'. D&A. Salem, top 3560' (approx.). Johnsonville Consol.

1S, 8E

- 13, SW NW NW. John T. Mitchell #2 Harris. Spd. 6-21-77. Comp. 6-27-77. TD 3211'. D&A. Ste. Genevieve, top 3120' (est.). Clay City Consol.
- 14, NE SE NW. Great American Resources #1 Gillison. Spd. 7-26-74. Comp. 8-25-74. TD 3934'. IP 70 BOP/3 BW. Salem, top 3754', acid. Clay City Consol. (Erroneously run as temp. abd. in March 1977 Drilling Report.)

2S, 8E

- 35, C S/2 NE NW. Bernard Podolsky #1 John R. Vaughn. Spd. 11-5-76. Comp. 6-21-77. TD 4172'. IP 8 BOP/16 BW. Salem, top 3831', mca & acid. Barnhill.

3S, 9E

- 15, SW SW SW. Black Hawk Resources Corp. #18-15 Earhart Comm. Spd. 1-27-77. Comp. 6-14-77. TD 4170'. IP 7 BOP/65 BW. Aux Vases, top 3242', mca & frac. Goldengate Consol.

WHITE COUNTY3S, 14W

- Irr. 31, 330'SL, 990'WL, NW. J & H Oil Co. #3-WI M.E. Glaze Estate. Conv. Was Cherry & Kidd #3 M.E. Glaze Est. Was Biehl producer. Comp. 8-15-75. COTD 1820'. Water input. Biehl, top 1812'. Phillipstown Consol.
- Irr. 31, 330'SL, 430'EL, NW. J & H Oil Co. #5-WI Gray Estate. Conv. Was Rhea Fletcher #5 Gray. Was Biehl producer. Comp. 7-22-75. COTD 1836'. Water input. Biehl, top 1825'. Phillipstown Consol.
- Irr. 31, NE SE NW. J & H Oil Co. #6-WS Gray Estate. ONWO-Conv. Was Rhea Fletcher #6 Gray. Was plugged and abandoned. Waltersburg producer. Comp. 6-2-65. Recom. 7-4-75. COTD 305'. WSW. Pennsylvanian, top NA. Phillipstown Consol.
- Irr. 31, 330'SL, 380'EL, NW NE. J & H Oil Co. #11 Gray Estate. Conv. Was Rhea Fletcher #11 Gray. Was Biehl producer. Comp. 7-22-75. COTD 2280' (est.). Water input. Biehl, top 1797'. Tar Springs, top 2267'. Phillipstown Consol.

WHITE COUNTY (continued)

4S, 8E

28, NE SW SW. Perry Fulk #1 Hazelip. Spd. 2-11-77. Comp. 6-18-77.
TD 4385'. IP 15 BOP/100 BW. Ullin, top 4379'. Springerton
South. NEW PAY IN FIELD.

28, C N/2 SE SW. Perry Fulk #1 W.L. Lewis. Spd. 12-16-76. Comp.
6-14-77. TD 3547'. IP 50 BOP/50 BW (est.). Spar Mountain, top
3498'. EXTENSION TO SPRINGERTON SOUTH.

29, 409'NL, 660'EL, SE SW. Perry Fulk #2 Mary Ward et al. Unit. Spd.
3-15-77. Comp. 5-10-77. TD 4500'. IP 40 BOP. Salem, top 4287',
acid & frac. Springerton South. NEW PAY IN FIELD.

29, SE SW SW. Perry Fulk #1 Clyde Woodrow et al. Unit. Spd. 2-15-77.
Comp. 5-31-77. TD 3407'. IP 6 BOP/45 BW. Aux Vases, top 3388'.
Springerton South.

33, NE NE SW. RK Petro. Corp. #1 John Prince et al. Spd. 4-27-77.
Comp. 5-11-77. TD 4410'. D&A. Warsaw, top 4305'. WN-Springer-
ton South.

4S, 9E

29, NW NE SE. Louis H. Kapp, Jr. #1 Sumpter. OMIO-OWDD. Was C. E.
Brehm #1 W. H. Sumpter. Was D&A, OTD 3197'. Comp. 10-20-53.
Recomp. 5-20-77. DTD 4365'. D&A. Ullin, top 4130'.
Sumpter North.

4S, 11E

Irr. 31, 640'SL, 1945'WL, SW. Barger Engineering, Inc. #1-3 C. T.
Spencer. Spd. 8-10-76. Comp. 6-16-77. TD 3120'. Water input.
Tar Springs, top 2335', Aux Vases, top 2952'. Phillipstown
Consol.

4S, 14W

28, 25'SL, 15'EL, SE. Superior Oil Co. #A-30 E.M. Fitton. Conv. Was
Bethel water input well. Comp. 6-12-77. COTD 2615'. IP 43 BO/
127 BW. Cypress, top 2554'. New Harmony Consol.

33, 25'NL, 40'EL, SE NW. Superior Oil Co. #7 J.R. Collins. Conv.
Was Bethel water input well. Comp. 5-22-77. COTD 2627'. IP
29 BOP/115 BW. Cypress, top 2581'. New Harmony Consol.

5S, 8E

9, SE NW NW. RK Petro. Corp. #2 Lucille Berberich. Spd. 4-7-77.
Comp. 5-31-77. TD 4500'. IP 25 BOP/10 BW. Aux Vases, top 3374',
frac. Enfield North.

9, SW SW NE. RK Petro. Corp. #9 Willard Brockett, Jr. Spd. 5-5-77.
Comp. 5-31-77. TD 4403'. D&A. Ullin, top 4250'. Enfield North.

34, NE SE SW. C.E. Brehm Drlg. & Prod. #1 Allen. Spd. 6-28-76. Comp.
7-4-76. TD 3315'. D&A. Ste. Genevieve, top 3308'. WN-Enfield.

WHITE COUNTY (continued)

5S, 10E

- 21, SW SW NW. Eugene E. Morris #3 Frances Calvert. Spd. 5-20-77.
Comp. 5-27-77. TD 3150'. D&A. Spar Mountain, top 3150'.
Sterns Consol.

6S, 10E

- 15, C S/2 SW SW. Duke Resources, Corp. #1 Emmerson Comm. Spd.
2-16-77. Comp. 6-21-77. TD 4140'. IP 60 BOP/tr wtr. St.
Louis, top 3232', mca, acid & frac. Concord Consol.
- 22, NE SW SW. Jim Haley Prod. Co. #1 Florence Reiling. OWWO & OWDD.
Was Great Lakes Carbon Corp. #1 F. C. Reiling. Was D&A (SO), OTD
3060'. Comp. 11-9-43. Recom. 5-27-77. DTD 4951'. D&A.
Devonian, top 4898'. Concord Consol.

- 28, C E/2 NE NW. Jim Haley Prod. Co. #1 Mary York. Spd. 5-5-76.
Comp. 10-8-76. TD 4831'. IP 75 BOP. Ullin, top 3868', frac &
mca. Concord Consol.

- 33, NW NW NW. Duke Resources Corp. #1 C.E. Brehm. Spd. 12-13-76.
Comp. 5-24-77. TD 4040'. IP 120 BOP. Ullin, top 3977', mca
& frac. Concord Consol.

WILLIAMSON COUNTY

3S, 2E

- 34, 990'NL, 840'WL, NW. C.E. Brehm Drilg. & Prod. #3 Garrett. Spd.
7-14-76. Comp. 10-8-76. TD 2511'. D&A. Ste. Genevieve, top
2447'. WN-Whiteash.

8S, 4E

- 21, SE SW SW. C.E. Brehm Drilg. & Prod. #1 Aikman. OWWO. Was Ross
Bartmes #1 Aikman. Was D&A. OTD 3005'. Comp. 5-5-58. Recom.
6-22-76. COTD 3005'. D&A. Ste. Genevieve, top 2933'.
Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JUNE 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLARK COUNTY

33-11N-14W, 220'SL, 220'WL of SE. D. W. Franchot Co. #0-1 Sluss. 310'6".
5-20-77. Casey.

CLAY COUNTY

14-2N-7E, NE NE NE. Charles E. Booth #2 Hale. 3104'. 5-9-77. Clay City Consol.
2-3N-7E, SW SE NW. C. G. Hardin #1 J. O. Tolliver. 2973'. 5-26-77. Sailor Springs Consol.
2-3N-7E, 330'NL, 660'EL, SE NW. James C. Franklin #2 J. O. Tolliver, formerly C. G. Hardin. 2960'. 5-27-77. (Salt Water Disposal, formerly a producer.) Sailor Springs Consol.
3-4N-7E, SW SE SE. Kingwood Oil Co. #1 Jenkins. 2898'. 5-19-77. Sailor Springs Consol.
10-4N-7E, 660'NL, 330'EL, NE. Kingwood Oil Co. #3 McGary. 3500'. 5-23-77. Sailor Springs Consol.
35-4N-7E, SW NE SE. James C. Franklin #1 P & J Franklin Comm. 2996'. 5-14-77. Sailor Springs Consol.
35-4N-7E, SW SE SE. James C. Franklin #1 R. Franklin. 3505'. 5-11-77. Sailor Springs Consol.
35-4N-7E, 430'NL, 330'WL, SW SE. Harland D. Kincaid #1 R. Franklin. 2975'.
6-8-77. Sailor Springs Consol.
36-4N-7E, NW SE NW. Woodrow Franklin #2 J. Franklin. 3016'. 5-28-77. Sailor Springs Consol.
14-4N-8E, NE NE NE. Magnolia Petroleum Co. #1 Maggie Gumbel. 3050'. 5-4-77. Passport.
14-4N-8E, SW NE NE. Magnolia Petroleum Co. #2 Maggie Gumbel. 3045'. 5-3-77. Passport.

COLES COUNTY

10-12N-7E, NE NE SE. Will I Lewis #1 R. H. Degler. 2028'. 5-9-77. Mattoon.
22-13N-7E, SE SW SE. Development Assoc. Inc. #1 George W. Miller. 1920'.
5-12-77. Mattoon North

GRAMFORD COUNTY

Irr. 8-5N-12W, NW SW NE. Offset Development Co. #3 Earl Wesley. 1292'.
8-18-76. Main Consol.

FAYETTE COUNTY

29-8N-3E, NE SW SW. Carter Oil Co. #6 Botterbusch-Fair Unit, formerly #6 Robert E. Fair. 1556'. 6-9-77. (Water input (Bethel), formerly a producer.) Loudon.
29-8N-3E, NE NW SW. Carter Oil Co. #1 Owens-Fair Unit, formerly #6 Katie Owens. 1517'. 6-9-77. (Water input (Cypress and Benoist), formerly a producer.) Loudon.
31-8N-3E, NE SW SE. Carter Oil Co. #4 J. H. Smith. 1588'. 6-9-77. (Water input, formerly a producer.) Loudon

GALLATIN COUNTY

6-8S-8E, 1048'SL, 330'EL NE. Nation Oil Co. #1 Thurman Woolard. 2632'.
5-19-77. Omaha.

HAMILTON COUNTY

8-6S-6E, 130'NL, 330'WL of SE SE. Calvert Drlg. Inc. #4 Marion Cox. 3235'.
6-6-77. Dale Consol.
8-6S-6E, 330'SL, 660'EL of SE. Calvert Drlg. Co. #5 Marion Cox. 3280'.
6-8-77. Dale Consol.
12-6S-6E, 936'SL, 1025'EL of NE. Texaco, Inc. #7 W. W. Daily (tract 11, Dale Unit), formerly Shell Oil Co. 3243'. 4-29-77. (Water input (Cyp), formerly a producer.) Dale Consol.
13-6S-6E, SE SE NE. Joe A. Dull #1 Pearson Comm. 3325'. 5-3-77. Dale Consol.

JASPER COUNTY

27-7N-10E, NE NE SW. C. D. Reed #1-B C. F. Dhon, formerly Walter Duncan #1.
2738'. 5-17-77. Clay City Consol.

LAWRENCE COUNTY

15-2N-13W, SW SE NW. Televest Exploration, Inc. #1 G. H. Cunningham et al.
2684'. 5-9-77. Lancaster.
21-2N-13W, 630'NL, 330'WL, NE NE. Skyline Oil & Blazer Oil & Gas #2 H.
Holsen. 2713'. 5-18-77. Lancaster.
28-2N-13W, NE NW SE. H & H Oil Co. #1 Owen E. Groff, formerly Shawnee Pet.
Assoc., Inc. 2526'. 6-1-77. (Water input, formerly a producer.) Lancaster.
28-2N-13W, SE SW NE. H & H Oil Co., Inc. #1 Alva Storeckman. 2766'. 6-3-77.
Lancaster.
23-3N-11W, 1236'NL, 520'WL, of SW NW. Steve Zanetis #6 A. Powell. 1853'.
5-23-77. Beman.
2-3N-12W, 330'NL, 825'WL, NE. Ohio Oil Co. #9 D. R. Fish. 1413'. 3-17-77.
(Skeleton Log.) Lawrence.
15-3N-12W, NW NE SW. John M. Zanetis #7 Wm. Gillespie. 1834'. 4-25-77.
Lawrence.
15-3N-12W, 963'NL, 462'EL, SW. Zanetis Oil Properties #11 W. H. Gillespie.
1618'. 4-19-77. Lawrence.
15-3N-12W, 330'NL, 660'WL, of SW SW. John M. Zanetis #1 E. Ross Trustee.
1873'. 5-19-77. Lawrence.
33-4N-12W, SW NE NW. Howard E. Walton #1 L. B. Litherland. 1891'. 5-9-77.
Lawrence.
33-4N-12W, NW NE NW. Howard E. Walton #2 L. B. Litherland. 1654'. 5-11-77.
Lawrence.

MARION COUNTY

21-1N-2E, NW NW NE. C. R. Winn #2 Hargis. 2126'. 6-6-77. Salem Consol.
21-1N-2E, SW NW NE. C. R. Winn Drlg. Co. #1 J. D. Hargis. 2128. 5-31-77.
Salem Consol.
21-1N-2E, NE SE NW. E. M. Self #1 Summerville, formerly C. R. Winn. 2123'.
6-1-77. Salem Consol.

ST. CLAIR COUNTY

33-3S-7W, SE NE NW. Ed. C. Rust #1 Ed C. Rust. 250'. 5-16-77. Marissa West.

SALINE COUNTY

8-8S-7E, NE SW SE. Richard S. Thompson #1 Kittinger. 2996'. 5-19-77.
Eldorado Consol.

WABASH COUNTY

18-1S-12W, 622'NL, 187'WL of NE. C. E. Skiles & Leach Bros. #5 Chas. Chapman.
2075'. 6-7-77. Mt. Carmel.
6-2S-13W, 330'SL, 544'EL of SW NE. Sohio Petroleum Co. #1 W. Frese. 2617'.
5-4-77. New Harmony Consol.

WASHINGTON COUNTY

2-2S-1W, NE NW NW. Charles T. Evans #1 Edwards Heirs. 1561'. 5-13-77.
Richview.

WAYNE COUNTY

29-2N-8E, NW SW SW. Triple "B" Oil Producers, Inc. #5 F. Rosselton. 3051'.
6-1-77. Clay City Consol.
Fr. 3-1S-8E, 360'SL, 330'WL of NE. Nation Oil Co. #1-B O. W. Curry. 3161'.
5-24-77. Clay City Consol.
10-1S-8E, 660'SL, 330'WL, SE SW. T. G. Jenkins #1 Berg. 3207'. 5-14-77.
Clay City Consol.

WHITE COUNTY

29-3S-8E, 330'SL, 815'EL, SW. Nation Oil Co. #1 Miller-Andrews Comm. 3373'.
5-23-77. Mill Shoals.
29-3S-8E, 330'NL, 474'WL, of SE SW. R. C. Davoust #2 Miller-Andrews Comm.,
formerly Nation Oil Co. 3454'. 5-25-77. (Water input (Aux Vases-permit),
formerly a producer.) Mill Shoals.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Souther Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnack Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment) (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

DISCOVERIES

New Fields

None

New Pay Zones in Fields

JOHNSON NORTH. Clark County, 36-10N-14W, Trenton at 2840'.
Discovery well, Crossroads Oil, Inc. #1 Freed-Tiffin Comm.,
IP 15 BOP, 15 BW.

Extensions to Fields

ASHMORE EAST. Edgar County, 11-13N-14W, Pennsylvanian at 350'.
Discovery well, Earnest Zink #1 Grafton, IPF 112,000 cu. ft.
gas.

MAIN CONSOLIDATED. Crawford County, 3-6N-11W, Pennsylvanian at 589'.
Discovery well, C.E.R. Production Co. #1 M. Green, Shut-in
gas well.

SPRINGERTON SOUTH. White County, 34-4S-8E, Aux Vases at 3330'.
Discovery well, RK Petroleum Corp. #2 Continental Bank,
IP 26 BOP.

TABLE I

New Pools Discovered from August 1976 through July 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|---------------------|------|------|-----------------|------|------|
| <u>August 1976</u> | | | <u>February</u> | | |
| Enfield North: | | | None | | |
| White County | 5S | 8E | | | |
| <u>September</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| Ferrin: | | | None | | |
| Clinton County | 2N | 1W | <u>June</u> | | |
| <u>December</u> | | | None | | |
| None | | | <u>July</u> | | |
| <u>January 1977</u> | | | None | | |
| None | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | New Dry Holes | | | Production in | |
|-------------|--|-------------------|------|---------------------|--------------------|-------------|--------------|---------------|--------------------------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Far | Total New Tests Thousands of Barrels |
| <u>1976</u> | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 26,272 |
| <u>1977</u> | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 1,719 |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 2,309 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 2,206 |
| May | 58(1) | 0 | 1 | 54(1) | 5 | 22 | 9 | 0 | 86 2,274 |
| June | 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 2,214 |
| July | 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 2,285 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through June 1977 are from reports received directly from crude gathering companies. The figure for July 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, July 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | Service Wells | | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|--------------|----------------------------|-------------|-------|--------|-------------------------|
| | | | New Holes Prod. | D&A Prod. | OWWO D&A to Prod. | Conversions | | | |
| | | | | | | New | Prod. | Others | |
| Brown | - | 1 | - | 1 | - | - | - | - | - |
| Christian | 4 | - | - | - | - | - | - | - | - |
| Clark | 14 | 4 | 4 | - | - | - | - | - | - |
| Clay | 3 | 7 | 2 | 2 | 1 | - | 2 | - | - |
| Clinton | 1 | 2 | - | 2 | - | - | - | - | - |
| Coles | 1 | 3 | 1 | 2 | - | - | - | - | - |
| Crawford | 19 | 17 | 13 ^o | 3 | - | 1 | - | - | - |
| Edgar | 4 | 2 | 2*** | - | - | - | - | - | - |
| Edwards | 10 | 6 | 1 | 5 | - | - | - | - | - |
| Effingham | 2 | 3 | 2 | - | 1 | - | - | - | - |
| Fayette | 3 | 2 | - | 1 | - | - | 1 | - | - |
| Franklin | - | 1 | - | 1 | - | - | - | - | - |
| Gallatin | 2 | - | - | - | - | - | - | - | - |
| Hamilton | 2 | 2 | 1 | 1 | - | - | - | - | - |
| Hancock | 1 | - | - | - | - | - | - | - | - |
| Jackson | - | 1 | - | 1 | - | - | - | - | - |
| Jasper | 3 | 1 | 1 | - | - | - | - | - | - |
| Jefferson | 2 | - | - | - | - | - | - | - | - |
| Lawrence | 4 | 1 | - | - | - | - | 1 | - | - |
| Macon | - | 1 | 1 | - | - | - | - | - | - |
| Marion | 6 | - | - | - | - | - | - | - | - |
| Richland | 1 | - | - | - | - | - | - | - | - |
| St. Clair | 1 | 1 | - | 1 | - | - | - | - | - |
| Saline | 1 | 1 | - | - | - | - | - | 1 | - |
| Sangamon | 1 | - | - | - | - | - | - | - | - |
| Schuyler | 1 | - | - | - | - | - | - | - | - |
| Wabash | 11 | 7 | 1 | 5 | - | 1 | - | - | - |
| Washington | 1 | 2 | - | 2 | - | - | - | - | - |
| Wayne | 27 | 20 | 10 | 7 | - | - | 1 | 2 | - |
| White | 16 | 12 | 3 | 8 | - | - | 1 | - | - |
| Williamson | - ⁺ | 2 | - | - | - | - | 2 | - | - |
| | 141 | 99 | 42 | 42 | 2 | 2 | 8 | 3 | - |

*Includes 1 gas well

**Gas wells

^oIssued by Department of Mines and Minerals, Springfield, Illinois, July 1, 1977, through July 28, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, July 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | - | - | - | - | - |

In addition to the above, 19 permits to drill structure tests in connection with natural gas storage were issued.

* Issued by Department of Mines and Minerals, Springfield, Illinois, July 1, 1977, through July 28, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and tests holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resource Building, Urbana, Illinois.

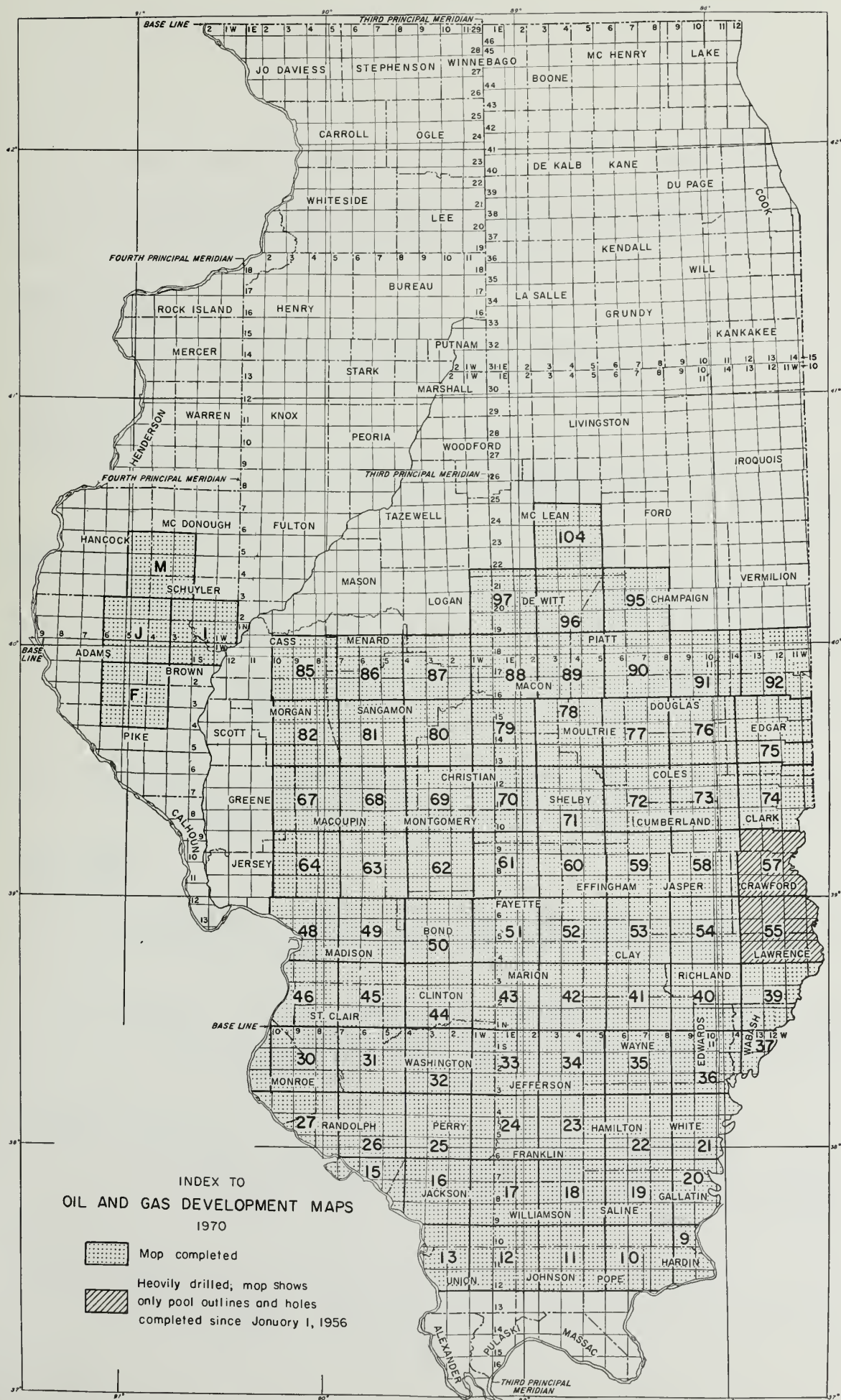
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELL COMPLETIONS REPORTED FROM JULY 2, 1977 TO JULY 29, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BROWN COUNTY

1S, 2W

15, SW NW NE. W. O. Hills #4 Thomas. Spd. 6-18-77. Comp. 7-10-77. TD 523'. D&A. New Albany, top 325' (approx.). WF.

CLARK COUNTY

9N, 13W

13, NE NE SW. James B. Orrell #7-A Vern Davison. Spd. 2-14-77. Comp. 5-10-77. TD 855'. IP 20 BOP. Pennsylvanian, top 837', frac. Melrose.

10N, 14W

24, 470'SL, 330'EL, SE. Van Fossan Assoc. #1 Frank Morgan. Spd. 3-21-77. Comp. 7-18-77. TD 3054'. IP 30 BOP/60 BW. Trenton, top 2813', acid and frac. Johnson North.

24, 330'NL, 725'EL, SE SE. Van Fossan Assoc. #2 Frank Morgan. Spd. 4-6-77. Comp. 7-12-77. TD 2892'. IP 30 BOP/30 BW. Trenton, top 2805', acid. Johnson North.

36, SW NE NE. Crossroads Oil Inc. #1 Freed-Tiffin Comm. Spd. 11-20-76. Comp. 5-31-77. TD 2900'. IP 15 BOP/15 BW. Trenton, top 2840', frac. Johnson North. NEW PAY IN FIELD.

CLAY COUNTY

2N, 7E

10, NE NE NE. John Zanetis #1-B Mix. Spd. 5-26-77. Comp. 7-12-77. TD 3628'. IP 15 BOP. McClosky, top 3060', mca and acid. Clay City Consol.

14, SW SE SW. John M. Zanetis #4 A. Stanford. Spd. 6-10-77. Comp. 7-12-77. TD 3579'. IP 200 BOP. Aux Vases, top 2954', mca and frac.; Spar Mountain, top 3048', acid; McClosky, top 3072', acid; Salem, top 3568'. Clay City Consol.

2N, 8E

13, SE NW SW. J. W. Rudy Co. #1 Elmo Dehart. OWJO-OWDD. Was G. P. Gill & Aurora #1 Coulter. Was D&A. OTD 3038'. Comp. 1-4-49. Recom. 6-17-77. DTD 3648'. IP 15 BOP/10 BW. Spar Mountain, top 3026', acid. Clay City Consol.

4N, 6E

17, 330'SL, 395'WL, NW SW. Hanson Oil Co., Inc. #1 Pierson. Spd. 6-18-77. Comp. 6-25-77. TD 2835'. D&A. Fredonia, top 2795' (approx.). WN - Louisville.

CLAY COUNTY (continued)

4N, 6E

- 17, SE NE SW. McKinney Oil Producer, Inc. #1 Thompson Comm. Spd.
7-4-77. Comp. 7-7-77. TD 2846'. D&A. McClosky, top 2820'.
WN - Louisville.

5N, 5E

- 13, C NE NW. Ralph Edwards #1 Fancher E. OWWO. Was Central Pipe
Line Co. D&A. OTD 2475'. Comp. 8-31-43. Recom. 6-28-77.
COTD 2475'. Abd. loc. - twisted off tools. Iola Consol.

5N, 7E

- 15, SE SW NW. John B. Murvin #4 Murvin Heirs. Conversion. Was
Cypress producer. Comp. 8-8-74. COTD 2490'. Water input.
Cypress, top 2472'. Sailor Springs Consol.
- 15, NE NW NW. John B. Murvin #5 Murvin Heirs. Conversion. Was
Cypress producer. Comp. 8-7-74. COTD 2500' (est.). Water input.
Cypress, top 2493'. Sailor Springs Consol.

CLINTON COUNTY

1N, 1W

- 24, NW SW SW. Leonard Fields #1 Paul & Ruth Dodillet. Spd. 6-30-77.
Comp. 7-19-77. TD 1512'. D&A. Benoist, top 1486'. WN - Wamac
West.

3N, 1W

- 33, 330'SL, 380'WL, NE SE. C. E. Brehm Drlg. & Prod. #1 Hemminghaus
Comm. Spd. 9-16-76. Comp. 10-9-76. TD 7040'. D&A. Precambrian,
top 6880'. WN - Boulder East.

COLES COUNTY

12N, 7E

- Irr. 2, 990'SL, 330'EL, SE. James R. Covington #5-C Oliver. Spd.
12-1-76. Comp. 5-30-77. TD 1804'. IP 30 BOP/30 BW. Cypress,
top 1750', frac. Mattoon.

14N, 14W

- 33, NE NW SW. Harry J. Adams #1 Russell Hanner. Spd. 6-17-77. Comp.
6-28-77. TD 65'. Junk hole. Warrenton-Borton.
- 33, 334'NL, 990'WL, SW. Harry J. Adams #1A Russell Hanner. Spd.
6-20-77. Comp. 6-28-77. TD 451'. D&A. Pennsylvanian, top
430' (approx.). Warrenton-Borton.

CRAWFORD COUNTY

5N, 11W

- 3, 800'NL, 330'EL, NW SE. Prudential Oil Co. #6 Harlen Shannon. Spd.
4-1-77. Comp. 6-7-77. TD 1035'. IP 15 BOP. Pennsylvanian,
top 968', frac. Main Consol.
- 15, C E/2 NW SE. Crossroads Oil, Inc. #1 Wilfred Maxwell. Spd.
2-6-77. Comp. 7-12-77. TD 1030'. Temp. abd. Robinson, top
914'. Main Consol.

CRAWFORD COUNTY (continued)5N, 13W

- 1, SW SW SW. Energy Resources of Indiana, Inc. #4 Due Heirs II. Spd. 12-11-76. Comp. 7-5-77. TD 1426'. IP 3 BOP/trace of water. Robinson, top 836', frac. Main Consol.
- 3, NE SW SE. James R. Van Buskirk #1 M. Ford. Spd. 7-5-77. Comp. 7-19-77. TD 1452'. D&A. Robinson, top 1056'. Main Consol.

6N, 11W

- 3, NW NW NW. C.E.R. Production Co. #1 M. Green Comm. Spd. 5-20-77. Comp. 7-19-77. TD 1533'. SIGW, IP not available. Pennsylvanian, top 589'. Main Consol. EXTENSION TO FIELD.

6N, 12W

- Irr. 15, 330'SL, 330'WL, NE NW. Bellair Oil Co. #1-A Jimmie A. Watts. Spd. 12-12-76. Comp. 6-8-77. TD 1480'. IP 10 BOP. Pennsylvanian, top 985', mca and frac. Main Consol.

6N, 13W

- 33, 360'NL, 330'EL, SE. Louis H. Kapp, Jr. #1 George Rosborough. Spd. 5-19-77. Comp. 7-10-77. TD 4682'. D&A. Trenton, top 4500'. Main Consol.
- 35, NE NW SW. Lamar Properties #1-A Orville Johnson et al. Spd. 1-20-77. Comp. 6-28-77. TD 4080'. IP 15 BOP/trace of water. Trenton, top 3927'. Main Consol.
- 35, 400'NL, 330'WL, SE SE. Clarence Catt, Jr. #1-B George W. Jones. Spd. 12-31-76. Comp. 4-22-77. TD 4005'. IP 38 BOP. Trenton, top 3891', acid and frac. Main Consol.
- 35, 450'SL, 450'WL, NE. Lamar Properties #1-A F. Richart. Spd. 12-15-76. Comp. 4-28-77. TD 4010'. IP 200 BOP. Trenton, top 3927'. Main Consol.

7N, 12W

- 10, 447'NL, 1344'EL, NE. Mason Oil Co. #3 Charles N. Newlin. Spd. 1-10-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1008', frac. Main Consol.
- 10, 1341'NL, 450'WL, NE. Mason Oil Co. #5 Charles N. Newlin. Spd. 2-1-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1032', frac. Main Consol.
- 10, 1331'NL, 1344'EL, NE. Mason Oil Co. #6 Charles N. Newlin. Spd. 1-10-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1008', frac. Main Consol.
- 10, 1341'NL, 448'EL, NE. Mason Oil Co. #7 Charles N. Newlin. Spd. 1-21-77. Comp. 6-8-77. TD 1150'. Oil producer, IP not available. Robinson, top 1007', frac. Main Consol.
- 30, 366'NL, 366'EL, NW. Jack J. Grynberg #1-B V. Cortelyou. Abd. loc. Main Consol.

CRAWFORD COUNTY (Continued)7N, 13W

36, NW NE SE. Triple "B" Oil Prod., Inc. #2 C. J. Crebs. Spd.
5-7-77. Comp. 6-28-77. TD 969'. IP 2 BOP. Robinson, top 860',
frac. Main Consol.

36, NE NE SE. Triple "B" Oil Prod., Inc. #3 C. J. Crebs. Spd.
5-4-77. Comp. 7-19-77. TD 1185'. IP 7 BOP. Robinson, top
877', frac. Main Consol.

8N, 12W

32, C SE NW. Used Oilfield Equipment #LW-1 Clarence L. Schutte.
Spd. 2-3-76. Comp. 5-10-76. TD 1047'. Water input. Robinson,
top 998'. Main Consol.

EDGAR COUNTY12N, 13W

5, 330'SL, 380'EL, NW SE. Earnest Zink #2 Heltsley. Spd. 5-28-77.
Comp. 6-20-77. TD 552'. IP 350 MCF gas/day. Pennsylvanian, top
465'. Grandview.

13N, 14W

11, 330'SL, 600'WL, SE. Earnest Zink #1 Grafton. Spd. 6-10-77.
Comp. 6-20-77. TD 362'. IP 112 MCF gas/day. Pennsylvanian,
top 350'. Ashmore East. EXTENSION TO FIELD.

EDWARDS COUNTY1N, 10E

22, SE NE SW. Spartan Petroleum Co. #1 Harris Comm. Spd. 6-19-77.
Comp. 7-19-77. TD 3928'. D&A. Salem, top 3640'. Samsville
West.

27, 330'NL, 560'WL, NE NW. Spartan Petroleum Co. #1 Knackmuhs et al.
Comm. Spd. 6-10-77. Comp. 7-19-77. TD 3340'. D&A. McClosky,
top 3272'. Samsville West.

27, NW NE NE. Spartan Petroleum Co. #1 Schuh Comm. Spd. 5-28-77.
Comp. 7-12-77. TD 4170'. IP 45 BOP/10 BW. McClosky, top
3282'. Samsville West.

29, SE SE SW. Kendra Corp. #1 Ellis J. Bennett. Spd. 6-10-77.
Comp. 6-20-77. TD 5194'. D&A. Warsaw, top 4165'. Maple Grove
Consol.

1N, 14W

Irr. 7, 660'NL, 330'WL, SW NE. Gilbert A. Higgins #1 Campbell Heirs.
Spd. 7-9-77. Comp. 7-19-77. TD 3952'. D&A. Salem, top 3338'.
WN - Parkersburg Consol.

2S, 10E

12, 380'SL, 330'WL, SW. Rush Creek Oil Co., Inc. #1 Mary Bunting.
Spd. 6-11-77. Comp. 6-28-77. TD 3200'. D&A. Renault, top
3040'. Albion Consol.

EFFINGHAM COUNTY

6N, 6E

36, SW SE SE. Black & Black Oil Co. #1 Mellendorf. OWWO. Was Coy Oil Co. Was D&A (SO). OTD 2919'. Comp. 1-26-54. Recomp. 7-12-77. COTD 2919'. IP 3 BOP. Aux Vases, top 2714', frac. Sailor Springs Consol.

8N, 4E

Irr. 6, 330'NL, 330'WL, NE NE. Tri-Star Prod. Co., Inc. #1 Lilly. Spd. 1-13-77. Comp. 7-19-77. TD 3302'. IP 8 BOP/18 BW. Sylamore, top 3112', acid. Louden.

9N, 4E

31, NW SE NE. Tri-Star Producing, Inc. #3 Ryan. Spd. 5-1-77. Comp. 7-19-77. TD 3160'. IP 30 BOP. Sylamore, top 3112', mca. Louden.

FAYETTE COUNTY

6N, 3E

5, SE SW SW. J. U. Dodge #1 Siemer Milling Co. Spd. 7-9-77. Comp. 7-12-77. TD 1937'. D&A. Ste. Genevieve, top 1871'. WN - Louden.

8N, 3E

1, SE NE NW. Exxon Corp. #3 A. W. St. Pierre. OWDD. Was Carter Oil Co. #3 St. Pierre. Was Cypress producer. OTD 1532'. Comp. 11-5-40. Recomp. 5-18-77. DTD 1654'. IP 26 BOP/119 BW. Cypress, top 1514'; Bethel, top 1612' (est.); Benoist, top 1632' (est.). Louden.

9N, 3E

35, SW SE SE. W. L. Belden #2D Gordon. Conversion. Was Stewart Oil Co. #2 Gordon. Was Cypress producer. Comp. 5-15-77. COTD 1370'. SWD. Tar Springs, top 1314'. Louden.

FRANKLIN COUNTY

6S, 3E

Irr. 4, 380'NL, 330'WL, NE NE. Walter Duncan #3A U. S. Steel Corp. (Poole). Spd. 7-2-77. Comp. 7-13-77. TD 3904'. D&A. Ullin, top 3738'. Whittington South.

HAMILTON COUNTY

6S, 7E

3, SW NW NW. C. E. Brehm Drilg. & Prod. #1 Thompson. Spd. 7-22-76. Comp. 7-29-76. TD 3330'. D&A. Fredonia, top 3296'. WN - Hoodville East.

27, SE NE SW. Duke Resources Corp. #1 Van Winkle. Spd. 10-6-76. Comp. 5-3-77. TD 4320'. IP 40 BOP. McClosky, top 3290'. Broughton. REVIVES BROUGHTON FIELD.

JACKSON COUNTY

7S, 2W

11, NE NE NE. Comanche Oil Corp. #3 Coffey. Spd. 6-28-77. Comp. 7-12-77. TD 3390'. D&A. Devonian, top 3346'. Vergennes.

JASPER COUNTY

7N, 11E

Irr. 30, 330'SL, 330'EL, NE NW. Edward C. Koch #2 Glen Miller. Spd. 12-1-76. Comp. 1-15-77. TD 2545'. IP 5 BOP/75 BW. Spar Mountain, top 2510', mca. Clay City Consol.

LAWRENCE COUNTY

2N, 12W

8, C S/2 SW NE. J. E. Olds #1-WI J. C. King. Conversion. Was DeKalb Agricultural Assoc. #1 J. C. King. Was Pennsylvanian producer. COTD 1531'. Water input. Pennsylvanian, top 1513'. Ruark.

MACON COUNTY

17N, 2E

23, SE SW NE. Triple "G" Oil Co., Ltd. #1 Nola Mae Hockaday. Spd. 3-3-77. Comp. 5-9-77. TD 2156'. IP 58 BOP. Silurian, top 2111', frac. Forsyth.

RICHLAND COUNTY

2N, 10E

20, SE NE NW. Robert B. Britton #1 Ellis Lane. OWWO & OWDD. Was Phillips Pet. #1 Nitram. Was D&A. OTD 3304'. Comp. 7-10-45. Recom. 7-5-77. DTD 3475'. D&A. St. Louis, top 3282'. Seminary.

ST. CLAIR COUNTY

1N, 9W

1, 440'SL, 45'EL, SW. John Mathes & Assoc., Inc. #4 J.M.A. Spd. 6-20-77. Comp. 6-22-77. TD 199'. Observation. #6 Coal, top 176.5'.

1N, 10W

Proj. 4, Approx. 1750'SL, 1875'WL, SW, Lot #8-Prairie DuPont Common Fields. T. R. Kerwin #1 Pulcher. Spd. 6-24-77. Comp. 6-27-77. TD 506'. D&A. Trenton, top 495' (approx.). WF.

SALINE COUNTY

8S, 7E

23, SW NW SE. R & N Associates #1 SMD J. H. Porter. Conversion. Was G. L. Reasor #1 Porter. Was Aux Vases producer converted to Aux Vases water input. Comp. 2-22-77. COTD 2042'. SMD. Palestine, top 1940'. Eldorado East.

WABASH COUNTY

1N, 12W

27, NE NW NE. RK Petroleum Corp. #1 Earl Buchanan. Spd. 7-1-77. Comp. 7-10-77. TD 3050'. D&A. Salem, top 2730'. Allendale.

1S, 13W

4, SW SW SE. Barbarossa Oil, Inc. #1 Clifton Treece. Spd. 6-6-77. Comp. 7-5-77. TD 3478'. D&A. Warsaw, top 3403'. New Harmony Consol.

WABASH COUNTY (continued)1S, 13W

18, SE NW NW. Spartan Petroleum Co. #W-2 Belmont North Unit. Spd. 5-19-77. Comp. 5-30-77. TD 3454'. Water input. Salem, top 3415'. New Harmony Consol.

2S, 13W

Irr. 1, 330'NL, 990'WL, NE SW. J. W. Rudy Co. #1 B. Peter. Spd. 6-22-77. Comp. 7-19-77. TD 3222'. D&A. Salem, top 3014'. WN - Rochester.

2S, 14W

26, NW SW NE. Hocking Oil Co., Inc. #1 Everett Leavens. Spd. 4-20-77. Comp. 5-31-77. TD 2122'. IP 60 BOP. Waltersburg, top 2105', mca and frac. New Harmony Consol.

26, 330'SL, 430'WL, NW NE. Hocking Oil Co., Inc. #1 Elba Schuh. Spd. 6-7-77. Comp. 6-15-77. TD 3630'. D&A. Salem, top 3284'. New Harmony Consol.

3S, 13W

Irr. 7, 1000'NL, 2680'EL, NW. Gilbert A. Higgins #4-H Akin. Spd. 6-16-77. Comp. 7-19-77. TD 4153'. D&A. Salem, top 3155'. New Harmony Consol.

WASHINGTON COUNTY3S, 2W

14, NE SE NE. Leland Monken #1 L. Johannes. Spd. 12-20-76. Comp. 4-30-77. TD 1210'. Temp. abd. Cypress, top 1197'. Dubois Consol.

35, C SW SW. C. E. Brehm Drig. & Prod. #1 Bochantin Comm. Spd. 12-28-76. Comp. 1-29-76. TD 7338'. D&A. Precambrian, top 7294'. WN - Posen South.

WAYNE COUNTY1N, 7E

13, SE SE SW. Booth Oil Co., Inc. #1 W. Atterberry. Spd. 6-11-77. Comp. 6-17-77. TD 3200'. D&A. McClosky, top 3135'. Clay City Consol.

1N, 8E

Irr. 2, 330'NL, 330'WL, SE SW. Republic Oil Co., Inc. #5 Shackleford. Spd. 7-4-77. Comp. 7-13-77. TD 3800'. D&A. Salem, top 3459'. Clay City Consol.

9, 330'SL, 450'EL, SE. Hanson Oil Co., Inc. #1 Best. Spd. 9-20-76. Comp. 7-12-77. TD 3811'. IP 15 BOP. Salem, top 3594', acid. Clay City Consol.

2N, 8E

29, SE SE NW. Santoro Oil Co., Inc. #1 R. Duffina. Spd. 6-15-77. Comp. 6-21-77. TD 3734'. D&A. Salem, top 3408'. Clay City Consol.

WAYNE COUNTY (continued)1S, 5E

- 19, 330'SL, 400'WL, SE SW. Silurian Oil Co. #2 Ersil Hines. Spd. 5-14-77. Comp. 6-28-77. TD 3536'. IP 35 BOP/100 BW. Aux Vases, top 2823'. Coil.
- 26, SW SW NW. Charles T. Evans #1 Gustav Brown. Spd. 5-10-77. Comp. 6-18-77. TD 3639'. IP 50 BOP. Salem, top 3561', acid. Keenville.
- 26, 330'SL, 300'WL, SW. Louis A. Pessina #8-SWD Katherina Goff. Conversion. Was dry hole, temp. abd. OTD 3720'. Comp. 5-12-77. Recomp. 7-19-77. COTD 3677'. SWD. Salem, top 3613'. Keenville.
- 26, NW NW SW. Charles T. Evans #2 Johnson. Spd. 4-30-77. Comp. 6-10-77. TD 3680'. IP 50 BOP. Salem, top 3613', acid. Keenville.
- 28, 422'NL, 562'WL, NE SE. Collins Brothers Oil Co. #1 Hilliard Ellis SWD. OWWO. Conversion. Was plugged McClosky producer. OTD 3132'. Comp. 7-2-46. Recomp. 5-5-77. COTD 2893'. SWD. Cypress, top 2799'. Keenville.
- 34, NW NE NE. Louis A. Pessina #11 Katherina Goff. Spd. 6-18-77. Comp. 7-12-77. TD 3675'. D&A. Salem, top 3466'. Keenville.
- 35, 430'NL, 430'WL, NE. Allen J. Smith #1 Bob & Jim Shreve. Spd. 6-15-77. Comp. 6-26-77. TD 3665'. D&A. Salem, top 3428'. Keenville.

1S, 6E

- Irr. 1, 330'SL, 330'WL, SE. David Allison #1 S. Stipp. Spd. 6-1-77. Comp. 6-26-77. TD 3251'. IP 95 BOP. McClosky, top 3245', nat. Johnsonville Consol.
- Irr. 12, 330'NL, 330'WL, NE. David Allison #1 Mattox Comm. Spd. 6-7-77. Comp. 7-19-77. TD 3259'. IP 20 BOP. McClosky, top 3237', acid. Johnsonville Consol.
- 14, 380'SL, 330'EL, NW. Fletcher F. Farrar #1 Dewey Bass. OWWO. Was Van Fossan Assoc. #1 Dewey Bass. Was D&A. OTD 3880'. Comp. 1-20-76. Recomp. 7-5-77. COTD 450'. Junked hole. Johnsonville South.
- 23, 660'NL, 500'EL, SW SE. Modern Explorations #2 Trotter. Spd. 5-17-77. Comp. 7-12-77. TD 3229'. IP 75 BOP. Ohara, top 3169', mca. Johnsonville South.
- 24, 336'SL, 345'EL, NW SW. Carl E. Busby #1 Fansler. Conversion. Was Aux Vases producer. Comp. 1-7-76. COTD 3281'. Water input. Aux Vases, top 3112'. Clay City Consol.

WAYNE COUNTY (continued)1S, 7E

4, 583'NL, 990'WL, SE NW. Shulman Brothers, Inc. #8 Crippen. Spd.
6-8-77. Comp. 6-19-77. TD 4012'. D&A. Ullin, top 3978'.
Clay City Consol.

Irr. 19, 330'SL, 330'WL, SE. Donald E. Schmitt #1 O. H. Harris. Spd.
6-15-77. Comp. 7-25-77. TD 3996'. IP 108 BOP/8 BW. Aux Vases,
top 3128', mca and frac. Clay City Consol.

1S, 8E

16, NW SE SE. Bernard Podolsky #3 Gray "C". Spd. 6-22-77. Comp.
7-5-77. TD 3850'. D&A. Salem, top 3586'. Clay City Consol.

Irr. 18, 330'SL, 330'WL, SE. Robinson Production, Inc. #1 Blessing.
Spd. 4-27-77. Comp. 7-6-77. TD 4030'. IP 23 BOP/120 BW.
Aux Vases, top 3134', mca and frac. Clay City Consol.

2S, 9E

3, NW SE NW. Kendra Corp. #1 O'Daniel-Jones. Spd. 5-4-77. Comp.
7-1-77. TD 4075'. IP 10 BOP/3 BW. McClosky, top 3440', frac.
Half Moon.

WHITE COUNTY4S, 8E

16, SW NE NE. Victor R. Gallagher #1 Duckworth. Spd. 6-3-77. Comp.
6-21-77. TD 4730'. D&A. Osage, top 4644'. WF.

32, NW NE SE. RK Petroleum Corp. #5 Warthen Comm. Spd. 5-13-77.
Comp. 6-4-77. TD 3345'. IP 45 BOP. Aux Vases, top 3321'.
Springerton South.

32, NW SE NE. RK Petroleum Corp. #7 Warthen Comm. Spd. 5-21-77.
Comp. 6-15-77. TD 4415'. Temp. abd. Ullin, top 4295' (approx.).
Springerton South.

34, SE SW NW. RK Petroleum Corp. #2 Continental Bank. Spd. 6-10-77.
Comp. 7-12-77. TD 3338'. IP 26 BOP/trace of water. Aux Vases,
top 3330'. Springerton South. EXTENSION TO FIELD.

4S, 10E

22, NW SW SE. Eugene E. Morris #1 Samuel A. Goodman. Spd. 6-3-77.
Comp. 6-14-77. TD 3500'. D&A. St. Louis, top 3241'. Cross-
ville West.

5S, 8E

8, NE SE NW. C. E. Brehm Drlg. & Prod. #1 Enfield Carter. Spd.
8-12-76. Comp. 8-18-76. TD 3453'. D&A. Aux Vases, top 3382'.
WN - Enfield North.

6S, 8E

4, NW SE NE. C. E. Brehm Drlg. & Prod. #1 Cusic. Spd. 9-16-76.
Comp. 7-5-77. TD 3445'. D&A. McClosky, top 3426'. WN - Enfield.

WHITE COUNTY (continued)

6S, 8E

15, NE SE SW. C. E. Brehm Drlg. & Prod. #1 Westfall Comm. Spd.
9-23-76. Comp. 7-5-77. TD 3300'. D&A. Spar Mountain, top
3256'. WN - Roland Consol.

22, SW NE NW. C. E. Brehm Drlg. & Prod. #1 Rose "B". Spd. 7-12-76.
Comp. 7-24-76. TD 4119'. D&A. Ullin, top 4047'. WN - Roland
Consol.

33, NE NE SE. J. D. Turner #1 Herbert Colbert et al. Comm. Spd.
6-21-77. Comp. 6-28-77. TD 3174'. D&A. St. Louis, top 3168'.
Roland Consol.

6S, 10E

29, 660'SL, 350'EL, NE. C. E. Brehm Drlg. & Prod. #1 Concord Comm.
Spd. 7-31-76. Comp. 9-1-76 (est.). TD 3950'. IP 3 BOP.
St. Louis, top 3243', acid. Concord Consol.

7S, 8E

12, NW SE NW. John B. Murvin #3 Moore. Conversion. Was Bethel and
Aux Vases producer. Comp. 5-19-76. COTD 2917'. Water input.
Cypress, top 2604'; Aux Vases, top 2872'. Roland Consol.

WILLIAMSON COUNTY

8S, 2E

12, 400'NL, 330'WL, NW SE. C. E. Brehm Drlg. & Prod. #2-G Jeske.
Conversion. Was Bethel producer. Comp. 4-15-76. COTD 2730'.
Water input. Bethel, top 2461'. Stiritz.

8S, 4E

29, NE NW NE. C. E. Brehm Drlg. & Prod. #1 Ray Comm. Conversion.
Was Aux Vases producer. Comp. 7-20-76. COTD 2980'. Water
input. Aux Vases, top 2864'. Corinth.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH JULY 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging, and present field assignment are listed.

CLAY COUNTY

36-4N-7E, 990'SL, 330'WL, SE. Woodrow Franklin #2-A R. Franklin. 2358'.
6-14-77. Sailor Springs Consol.

CLINTON COUNTY

2-2N-3W, 990'NL, 660'EL, SW. Henry Loeb #A-3 Deters. 1052'. 6-22-77.
(Producer formerly a Salt Water Disposal (Pennsylvanian)). Carlyle.
10-2N-3W, 460'SL, 330'WL, SE NW SE. Richard Wilken #1 Wilken Farm. 1050'.
6-17-77. Carlyle.

CRAWFORD COUNTY

14-6N-13W, 600'NL, 10'EL, SW NW. Ohio Oil Co. #6 E.M. Sears Unit, formerly
#6 E. Miller. 937'. 6-7-77. Main Consol.
16-6N-13W, NW NE SE. Red Bank #7 Sallie Carlisle. 933'. 6-6-77. Main
Consol.
21-6N-13W, 180'NL, 360'EL, SE. Brown-Hogne #2 Wasson. 973'. 4-1-77.
Main Consol.
19-7N-13W, 330'SL, 330'WL, NW NE. Ohio Oil Co. #3 O.M. Hulse, a/c 2. 922'.
5-19-77. Main Consol.
19-7N-13W, 660'NL, 450'WL, NE. Ohio Oil Co. #15 O.M. Hulse, a/c 2. 998'.
5-6-77. Main Consol.

EDWARDS COUNTY

Irr. 31-1N-11E, 1350'NL, 990'EL, NE. Southern Triangle Oil Co. #2 Roy Gill.
2420'. 6-24-77. Samsville.
Fr. 31-2N-14W, 330'NL, 945'EL NE SE SW. Oldfield Oil Co. #2 D.C. Scranton.
3255'. 5-28-77. Parkersburg Consol.
Fr. 7-2S-11E, 950'NL, 1650'WL NW. Rock Hill Oil Co. #2 Whitehead, formerly
Calvert Drlg. Co. #1. 3207'. 5-12-77. Albion Consol.
32-2S-14W, 330'NL, 330'WL SE NW. Laurent Oil Co. #1 Vern Cowling et al.
3095'. 6-1-77. Albion East.
Fr. 18-3S-11E, 330'SL, 330'EL SW NW. Kingwood Oil Co. #3 Herman Johnson.
3203'. 6-17-77. (Water input, formerly a producer.) Phillipstown
Consol.

FRANKLIN COUNTY

24-6S-4E, SE NE SW. C.E. Brehm Drlg. & Producing #Q-1 U.S. Steel. 3252'.
6-17-77. Akin.

GALLATIN COUNTY

11-8S-9E, SE NW SW. Coy Oil Co. #1 R. Barnett (Annie Moye). 2199'.
6-9-77. Inman W. Consol.
11-8S-9E, NE SW SW. Ashland Oil & Refining Co. #1 E.T. Jones, formerly
Keystone Oil Co. #1 Geo. Jones, originally Slivka & Son. 2527'.
6-14-77. (Water input, formerly a producer.) Inman W. Consol.
11-8S-9E, SE SW SW. Acme Oil Investors, Inc. #2 George Jones. 2571'.
6-14-77. Inman West Consol.

GALLATIN COUNTY (continued)

14-8S-9E, SW NE NW. Ashland Oil Refining Co. #2 Foster, formerly Lohmann Johnson Drlg. Co., Inc. 2528'. 6-16-77. (Water input, formerly a producer.) Inman West Consol.

14-8S-9E, NW NW NW. Keystone Oil Co. #1 Wilbur Moye. 2540'. 6-10-77. Inman West Consol.

15-8S-9E, SW NE NE. T. A. Ferrall #1 Ben Jones. 2545'. 6-7-77. Inman West Consol.

JASPER COUNTY

1-5N-9E, SE SW SE. Don Slape Drlg. Co. #1 H.H. Harvey. 3000'. 6-30-77. Clay City Consol.

1-5N-9E, NE SW SE. Don Slape Drlg. Co. #2 H.H. Harvey. 2983'. 7-1-77. Clay City Consol.

24-7N-10E, 330'SL, 560'EL, NE NW. Robinson-Puckett, Inc. #1 Alexander. 2533'. 7-5-77. Clay City Consol.

24-7N-10E, 690'SL, 330'EL, NW. Robinson-Puckett, Inc. #1 Alexander Consol. 2535'. 6-21-77. Clay City Consol.

PERRY COUNTY

23-4S-1W, NE NE NW. Theodore G. Glass #1 Bagwill. 1123'. 6-10-77. Tamaroa.

SALINE COUNTY

10-8S-7E, 345'SL, 374'EL, NW SE. W.C. McBride, Inc. #1 Guido Boscarine. 2608'. 6-28-77. Eldorado Consol.

SHELBY COUNTY

28-12N-2E, 370'SL, 370'WL SW. John P. Potsch #1 Evelyn & J. Arthur Weber. 1579'. 4-29-77. Dollville.

WABASH COUNTY

13-1S-13W, NW SW SW. Spartan Petroleum Co. #1 Mounts-Pfeiffer Comm. 3550'. 6-24-77. New Harmony Consol.

24-1S-13W, 400'NL, 400'WL, NW. Spartan Petroleum Co. #1 Herman Steckler. 3212'. 6-21-77. New Harmony Consol.

WAYNE COUNTY

28-2N-7E, SE SE SW. Charles Stephens #1 Pittman, formerly Benedum-Trees Oil Co. #1 E. Craig. 3280'. 7-7-77. Rinard North.

33-2N-7E, 330'NL, 660'WL, NW. Floyd E. Thompson #1 A. Knapp. 3201'. 6-28-77. Rinard North.

33-2N-7E, NW NE NW. Charles H. Stephens #1 T.R. Michels. 3211'. 7-7-77. Rinard North.

WILLIAMSON COUNTY

7-8S-3E, 400'SL, 580'WL, NW SW. C.E. Brehm Drlg. & Producing #1F Harrs. 2756'. 6-16-77. Stiritz.

Some Recent Publications of Interest to
The Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- | | | |
|-------------------------|------|--|
| Ill. Pet. | 99. | Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973). |
| Ill. Pet. | 101. | Underground Storage of Natural Gas in Illinois---1973 (1974). |
| Ill. Pet. | 102. | Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974). |
| Ill. Pet. | 104. | Underground Storage of Natural Gas (1975). |
| Ill. Pet. | 105. | Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975). |
| Ill. Pet. | 106. | Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975). |
| Ill. Pet. | 109. | Structure of the Top of the Karnak Limestone Member (Ste. Genevieve) in Illinois (1976). |
| Ill. Pet. | 110. | Petroleum Industry in Illinois in 1975 (1976). |
| Cir. 458 | | Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971). |
| Cir. 470. | | Hydrodynamics in Deep Aquifers of the Illinois Basin (1972). |
| Cir. 482. | | The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973). |
| Reprint Ser. 1971-M. | | Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971). |
| EGN 62. | | Energy Supply Problems for the 1970s and Beyond (May 1973). |
| | | Selected List of Available Oil and Gas Publications (March 1, 1977). |

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ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

State of Illinois
Department of Registration and Education

ILLINOIS STATE GEOLOGICAL SURVEY

Urbana, Illinois 61801

MONTHLY REPORT

OIL AND GAS DRILLING
IN ILLINOIS

Jacob Van Den Berg

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DISCOVERIES

New Fields

None

New Pay Zones in Fields

COIL. Wayne County, 19-1S-5E, Salem at 3484'.
Discovery well, Louis H. Kapp, Jr. #1 W. Donoho
(OWDD. was D&A), IP 480 BOF.

Extensions to Fields

ENFIELD NORTH. White County, 16-5S-8E, Ohara at 3373'.
Discovery well, William R. & Phyllis Becker #3 Tripple AAA Ranch
(OWWO, was D&A), IP 15 BOP.

INCLOSE. Edgar County, 12-12N-14W, Pennsylvanian at 420'.
Discovery well, Earnest Zink #1 Zink,
IP 500,000 cu. ft. gas.

TABLE I

New Pools Discovered from September 1976 through August 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|-----------------------|------|------|---------------|------|------|
| <u>September 1976</u> | | | <u>March</u> | | |
| None | | | None | | |
| <u>October</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| Ferrin: | | | None | | |
| Clinton County | 2N | 1W | | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | None | | |
| <u>January 1977</u> | | | <u>July</u> | | |
| None | | | None | | |
| <u>February</u> | | | <u>August</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | New Dry Holes | | | Production in | |
|--|-------------|------|---------------------|--------------------|---------------|---------|-----|-----------------|----------------------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels |
| | Field | Ext. | | | | Near | Far | | |
| <u>1976</u> | | | | | | | | | |
| Jan. 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 17 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | |
| Jan. 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May 58(1) | 0 | 0 | 53(1) | 5 | 22 | 10 | 0 | 86 | 2,274 |
| June 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,214 |
| July 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 | 2,285 |
| Aug. 29(3) | 0 | 1(1) | 28(4) | 2 | 23 | 3 | 2 | 60 | 2,285 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through June 1977 are from reports received directly from crude gathering companies. The figures for July and August 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, August 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|-----|----------------------------|---------------|-------------|--------|-------------------------|
| | | | New Holes Prod. | D&A | OWWO D&A to Prod. | New | Conversions | | |
| | | | | | | | Prod. | Others | |
| Bond | 2 | - | - | - | - | - | - | - | - |
| Brown | 4 | - | - | - | - | - | - | - | - |
| Christian | 1 | 2 | - | 2 | - | - | - | - | - |
| Clark | 1 | 3 | 2 | 1 | - | - | - | - | - |
| Clay | 9 | 8 | 5 | 1 | - | - | 2 | - | - |
| Clinton | 2 | - | - | - | - | - | - | - | - |
| Coles | 1 | 2 | 2* | - | - | - | - | - | - |
| Crawford | 23 | 16 | 5 | 1 | - | 1 | 1 | - | 8 |
| Edgar | 2 | 4 | 3† | - | - | - | 1 | - | - |
| Edwards | 8 | 4 | - | 3 | - | - | 1 | - | - |
| Effingham | 2 | 3 | 1 | 2 | - | - | - | - | - |
| Fayette | 10 | 2 | - | 2 | - | - | - | - | - |
| Franklin | 4 | 2 | 1 | 1 | - | - | - | - | - |
| Gallatin | 7 | - | - | - | - | - | - | - | - |
| Hamilton | 2 | 1 | - | 1 | - | - | - | - | - |
| Jasper | 5 | - | - | - | - | - | - | - | - |
| Jefferson | 3 | 5 | 3 | 1 | - | - | 1 | - | - |
| Lawrence | 3 | 4 | - | 2 | - | 1 | 1 | - | - |
| Madison | 1 | - | - | - | - | - | - | - | - |
| Marion | 3 | 3 | - | - | - | - | 3 | - | - |
| Monroe | 4 | - | - | - | - | - | - | - | - |
| Montgomery | 1 | - | - | - | - | - | - | - | - |
| Perry | 1 | - | - | - | - | - | - | - | - |
| Pope | 1 | - | - | - | - | - | - | - | - |
| Richland | 1 | - | - | - | - | - | - | - | - |
| Sangamon | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 5 | 2 | - | 2 | - | - | - | - | - |
| Washington | 1 | 1 | - | - | - | - | 1 | - | - |
| Wayne | 27 | 12 | 4 | 6 | 1 | - | 1 | - | - |
| White | 15 | 9 | 6 | 2 | 1 | - | - | - | - |
| Williamson | 1 | - | - | - | - | - | - | - | - |
| | 150 | 84 | 32 | 28 | 2 | 2 | 12 | - | 8 |

* Includes 1 gas well

† Gas wells

TABLE IV

Drilling by Counties, Natural Gas Storage, August 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Gallatin | - | 1 | 1 | - | - | - |
| Livingston | 3 | - | - | - | - | - |
| McLean | 3 | - | - | - | - | - |
| | <u>6</u> | <u>1</u> | <u>1</u> | <u>-</u> | <u>-</u> | <u>-</u> |

In addition to the above, 27 permits to drill structure tests were issued and 47 structure test wells were drilled in connection with natural gas storage.

* Issued by Department of Mines and Minerals, Springfield, Illinois, July 29, 1977, through August 25, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and tests holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Drillers' logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

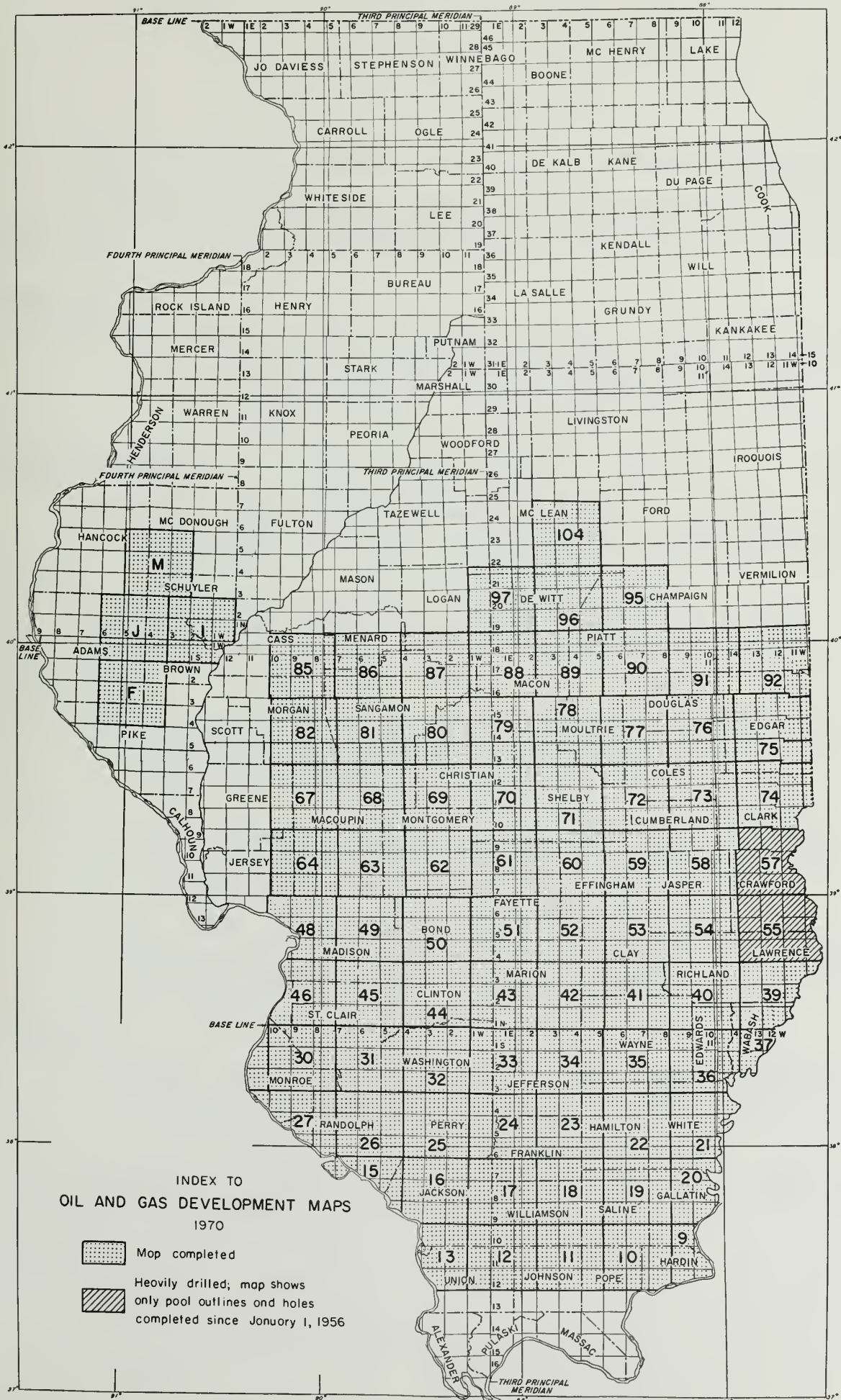
The maps (blue-line print maps, revised semiannually) show oil, gas, and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELL COMPLETIONS REPORTED FROM JULY 30, 1977 TO AUGUST 26, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

ADAMS COUNTY

2S, 5W

- 12, 640'NL, 330'EL, NW. Claude McElvain #5 Doole. OWWO. Was Ray F. Starr #8 Wendell Doole. Was plugged Silurian producer. OTD 637'.
Comp. 2-15-61. Recomp. 4-18-77. COTD 660'. IP 5 BOP.
Silurian, top 635'. Kellerville.

CHRISTIAN COUNTY

15N, 1W

- 8, NE NE NW. James D. Jordan #1 Buzzard. Spd. 8-14-77. Comp. 8-17-77.
TD 1866'. D&A. Silurian, top 1835' (approx.). Mt. Auburn Consol.

16N, 1W

- 30, NW NE NW. John Carey Oil Co. #1 Brya. Spd. 7-13-77. Comp. 7-17-77.
TD 1835'. D&A. Silurian, top 1782'. WF.

CLARK COUNTY

10N, 13W

- 19, 338'SL, 330'WL, SE. Southern Triangle Oil Co. #1 Marshall Hill et al. Spd. 2-6-77. Comp. 8-2-77. TD 2900'. Temp. abd. Trenton, top 2726'. Martinsville.

10N, 14W

- 24, SE NE SE. Raymond A. Messman #1 Morgan-Slater Unit. Spd. 2-20-77.
Comp. 8-1-77. TD 3113'. IP 36 BOP/60 BW. Trenton, top 2718',
frac. Johnson North.
- 36, 930'NL, 330'WL, NE. Kenneth Freed #3 Freed-Tiffin Comm. Spd. 11-24-76. Comp. 8-16-77. TD 396'. Oil producer, IP not available.
Pennsylvanian, top 386'. Johnson North.

CLAY COUNTY

2N, 7E

- 14, SE SW SW. Hubert W. Rose #1 Henderson. Spd. 6-3-77. Comp. 8-2-77.
TD 3608'. IP 80 BOP. Aux Vases, top 2962', frac. Clay City
Consol.
- 14, SW SW SW. Hubert W. Rose #2 G. Henderson. Spd. 6-8-77. Comp. 8-2-77. TD 3030'. IP 100 BOP. Aux Vases, top 2958', frac. Clay City Consol.

2N, 8E

- 15, SW NE NW. Donald L. Lewis #5 McAllister. Abd. loc. Clay City
Consol.
- 15, NW NW NW. Donald L. Lewis #6 McAllister. Abd. loc. Clay City
Consol.

CLAY COUNTY (continued)

4N, 6E

- 17, NE SE SW. McKinney Oil Producer, Inc. #2 Arnold. Spd. 6-23-77.
Comp. 7-19-77. TD 2808'. IP 25 BOP. McClosky, top 2795', acid.
Louisville.

4N, 7E

- 13, NW NE NW. Robert E. Trimpe #8 Conley. Spd. 6-20-77. Comp.
8-2-77. TD 2608'. IP 16 BOP. Cypress, top 2598', frac. Sailor
Springs Consol.

5N, 7E

- 4, 665'NL, 330'EL, NW NW. Dell Carroll Oil Properties #1 Oscar Wendling.
Conversion. Was Cypress producer. Comp. 7-7-76. COTD 2542'.
Water input. Cypress, top 2508'. Sailor Springs Consol.

- 9, SE SE SE. McCollum & Kincaid #2 Childers. Conversion. Was Cypress
producer. Comp. 9-18-75. COTD 2487'. Water input. Cypress, top
2473'. Sailor Springs Consol.

- Irr. 30, 330'SL, 660'EL, NE NW. Bob Hatfield #1 Ross-Seiling. Spd.
5-20-77. Comp. 6-16-77. TD 2880'. IP 120 BOP/O BW. Spar Mountain,
top 2842', natural. Toliver East.

- Irr. 31, 330'NL, 760'WL, S/2 NW. Pleasure Oil Co., Inc. #2 James Brooks.
Spd. 7-21-77. Comp. 8-9-77. TD 2889'. D&A (SO). McClosky, top
2851'. Toliver East.

COLES COUNTY

11N, 11E

- Irr. 18, NE NE NE. Henry M. Gray #1 Lawrence Green. Spd. 5-19-75.
Comp. 12-15-76. TD 420'. IP 1' BOP. Mississippian, top 341', acid
and mca. Westfield.

12N, 7E

- 34, 365'SL, 365'EL, SW NE. E. H. Kaufman #2 Sanders. Spd. 5-22-77.
Comp. 8-9-77. TD 3240'. SIGW, IP not available. Devonian, top
3155', acid. Mattoon.

CRAWFORD COUNTY

5N, 13W

- 2, 330'NL, 370'EL, SW SW. Reinhold Oil Producers #1 Cupp. Spd. 3-4-77.
Comp. 6-21-77. TD 4760'. D&A. Trenton, top 4600'. Main Consol.

6N, 13W

- 36, SW NE NW. Shakespeare Oil Co., Inc. #3 Frank Richart. Spd. 5-30-77.
Comp. 8-9-77. TD 4070'. IP 45 BOP. Trenton, top 3890', acid and
frac. Main Consol.

7N, 12W

- 9, NE NE NE. Simpson Brothers, Inc. #2 Osborn. Spd. 6-10-77. Comp.
7-1-77. TD 1105'. IP 20 BOP/200 BW. Robinson, top 1035' (est.).
Main Consol.

CRAWFORD COUNTY (continued)7N, 12W

9, SE NE NE. Simpson Brothers, Inc. #1 E. Osborn. Spd. 6-1-77. Comp. 6-20-77. TD 1098'. IP 20 BOP/150 BW. Robinson, top 1024' (est.). Main Consol.

31, 700'NL, 200'WL, SW NW. Triple "B" Oil Prod., Inc. #9 E. E. Newlin. Conversion. Was The Ohio Oil Co. Was Robinson sand producer. Comp. 7-16-75. COTD 1182'. Water input. Robinson, top 1123'. Main Consol.

7N, 13W

21, 90'NL, 420'EL, SE. Marathon Oil Co. MM-7 Levi Henry, Acct. #1. Spd. 5-15-76. Comp. 5-20-76. TD 1032'. Water input. Robinson, top 982'. Main Consol.

21, 90'NL, 220'EL, SE. Marathon Oil Co. MM-801 Levi Henry, Acct. #1. Spd. 6-3-76. Comp. 6-6-76. TD 1028'. Oil well, IP not available. Robinson, top 979'. Main Consol.

21, 90'NL, 230'EL, SE. Marathon Oil Co. MM-802 Levi Henry, Acct. #1. Spd. 6-7-76. Comp. 6-11-76. TD 1028'. Oil well, IP not available. Robinson, top 977'. Main Consol.

EDGAR COUNTY12N, 14W

11, 370'SL, 330'WL, SE. Earnest Zink #5 Wheeler. Spd. 7-23-77. Comp. 7-30-77. TD 450'. IP 400 MCFG/day. Pennsylvanian, top 445', nat. Inclose.

12, SW NE NE. Earnest Zink #1 Zink. Spd. 8-10-77. Comp. 8-20-77. TD 438'. IP 500 MCFG/day. Pennsylvanian, top 420', nat. EXTENSION TO INCLOSE.

14, 950'SL, 990'WL, NE NW. Earnest Zink #4 Wheeler. Spd. 6-19-77. Comp. 6-25-77. TD 305'. IP 50 MCFG/day. Pennsylvanian, top 285', nat. Inclose.

13N, 13W

10, 665'NL, 665'EL, NW NW. Dudley Oil Field Operations #5 Brinkerhoff A. Conversion. Was Livengood & Cooksey #5 L. Brinkerhoff "A". Was Lower Dudley producer. Comp. 8-1-77. COTD 440'. Water input. Lower Dudley, top 410'. Dudley.

EDWARDS COUNTY1N, 10E

9, 742'NL, 330'WL, SW. Hocking Oil Co., Inc. #1 Henry Miller. OWWO. OWDD. Was Paco Petro. Corp. Was D&A. OTD 3292'. Comp. 11-8-55. Recom. 6-23-77. DTD 4021'. D&A. Salem, top 3610'. Maple Grove Consol.

1N, 14W

Irr. 6, 330'SL, 330'WL, NE. Gilbert A. Higgins #1 Edward Rothrock. Spd. 7-13-77. Comp. 7-23-77. TD 3833'. D&A. Salem, top 3478'. Parkersburg Consol.

EDWARDS COUNTY (continued)

2S, 10E

- 13, NW NW NW. Rush Creek Oil Co., Inc. #1 Robert D. Bunting. Spd. 7-25-77. Comp. 8-9-77. TD 3200'. D&A. Ohara, top 3141'. Albion Consol.

3S, 10E

- 2, NE SE NE. Acme Casing Pulling & Supply, Inc. #1 O. R. Evans. Conversion. Was Calvert & Willis #1 O. R. Evans. Was Biehl producer. Comp. 7-31-76. COTD 1990'. Water input. Biehl, top 1963'. Albion Consol.
- 9, SE SW SE. M. V. Ring #1 John Tinckham. Spd. 7-17-77. Comp. 8-2-77. TD 3313'. D&A. McClosky, top 3278'. Albion West.

EFFINGHAM COUNTY

7N, 7E

- 17, C S/2 SW SE. Franklin Service Co. #1-A Roepke. Spd. 7-10-77. Comp. 7-20-77. TD 3350'. D&A. Salem, top 3084'. Elliottstown North.

8N, 4E

- Irr. 6, 330'NL, 330'WL, SE NW. W. L. Belden #2 Doty Bros. Spd. 1-25-77. Comp. 6-8-77. TD 3190'. IP 30 BOP/8 BW. Devonian, top 3102', frac. Louden.

9N, 6E

- 35, NW SW SE. William F. Masters #1 Wendt. Spd. 7-5-77. Comp. 7-11-77. TD 2491'. D&A. McClosky, top 2465'. Teutopolis.

FAYETTE COUNTY

5N, 4E

- 11, NW SW NW. G.A.M. Oil Co. #1 Sam Nobbe. Abd. loc. WF.
- 11, NE NE SW. G.A.M. Oil Co. #2 Nobbe. Abd. loc. WF.
- 14, NE NW NE. G.A.M. Oil Co. #1-A Eugene Kramer. Spd. 11-15-75. Comp. 12-10-75 (est.). TD 2560'. Temp. abd. McClosky, top 2554'. WF.

9N, 3E

- 26, SW SW SW. Donald L. Lewis #1-A Olinger. Spd. 4-26-77. Comp. 6-21-77. TD 3404'. D&A. Devonian, top 3110'. WN - Louden.

FRANKLIN COUNTY

5S, 4E

- 24, NW NE NW. C. E. Brehm Drlg. & Prod. #1 Odom Comm. Spd. 6-21-77. Comp. 7-1-77. TD 4267'. D&A. Ullin, top 4085' (approx.). Macedonia.

6S, 4E

- 34, NE SE NE. C. E. Brehm Drlg. & Prod. #2 Pulverman "E". Spd. 9-13-76. Comp. 8-2-77. TD 3100'. IP 20 BOP. Aux Vases, top 3057', frac. Akin.

GALLATIN COUNTY

7S, 9E

- 28, NW SE SE. Egyptian Gas Storage Corp. #1 Chloe Spence. Spd.
10-6-75. Comp. 10-8-75. TD 627'. Gas injection/withdrawal.
Pennsylvanian, top 609'. Herald Consol.

HAMILTON COUNTY

5S, 7E

- 21, SE NE NW. C. E. Brehm Drlg. & Prod. #1 Mayberry. Spd. 8-9-76.
Comp. 8-16-76. TD 3348'. D&A. Aux Vases, top 3288'. Thackeray.

7S, 5E

- 6, 990'NL, 810'WL, SE SE. Joe A. Dull #A-1 Knight. Spd. 11-13-75.
Comp. 5-10-76. TD 2869'. IP 1 BOP/35 BW. Cypress, top 2862',
nat. Dale Consol. (This well was erroneously run as temp.
abd. in Jan. 1976 Drilling Report.)

JEFFERSON COUNTY

1S, 4E

- 15, SE SW NE. Hobson Oil Co. #1 Craig. Spd. 5-27-77. Comp. 6-13-77.
TD 3430'. IP 50 BOP/150 BW. Salem, top 3226', frac. Coil West.

- 15, NE SW NE. Hobson Oil Co. #2 Craig. Spd. 6-29-77. Comp. 7-28-77.
TD 3630'. IP 45 BOP/10 BW. Salem, top 3235', acid. Coil West.

2S, 1E

- 35, NW SE SE. Mobil Oil Corp. #1 Eubank-Winesburgh Unit. Conversion.
Was Aux Vases producer deepened to Spar Mountain producer. Comp.
8-9-77. COTD 2122'. SWD. Spar Mountain, top 2113'.
Woodlawn.

2S, 4E

- 36, NW SW NE. Northwestern Oil Co., Inc. #1A Scott. Spd. 7-6-77.
Comp. 8-2-77. TD 4050'. D&A. Osage, top 3934'. Markham City.

3S, 3E

- Irr. 6, 330'NL, 660'EL, SE SW. Albert Gentles #4 Gee. Spd. 3-12-77.
Comp. 5-20-77. TD 2836'. IP 12 BOP. McClosky, top 2812', acid.
Mt. Vernon.

LAWRENCE COUNTY

2N, 12W

- 14, 990'NL, 558'EL, NE. Ohio Western Petr. Corp. #22 Gerald Spidel.
Spd. 7-26-77. Comp. 8-1-77. TD 2700'. D&A. Ullin, top 2604'.
Lawrence.

3N, 11W

- 27, 330'SL, 330'EL, NW. Raymond A. Messman #1 Claude White. Spd.
10-20-76. Comp. 11-8-76. TD 2403'. D&A. Salem, top 2313'.
WN - Lawrence. (This well was erroneously run as a producer
in the May 1977 Drilling Report.)

LAWRENCE COUNTY (continued)

3N, 12W

17, SE SW SW. Columbo Enterprises #1 Morehead. Spd. 10-1-76. Comp. 5-24-77. TD 3000'. D&A. Buchanan, top 1492'. Lawrence.

24, NW SE NW. Acme Casing Pulling & Supply, Inc. #3 Phillips Lewis. Conversion. Was Wright Oil Co. #3 P. Lewis. Was Cypress producer. Comp. 5-15-76 (est.). COTD 1653'. Water input. Cypress, top 1592'. Lawrence.

4N, 10W

29, NE SW NW. Schlensker Drilg. Corp. #1 James Funk. OWWO. Was J. Zanetis. D&A. OTD 1702'. Comp. 1-8-51. Recomp. 7-16-77. COTD 70'. Abd. loc. WF.

4N, 12W

19, 660'NL, 645'EL, SE SE. Marathon Oil Co. #RB-20 G. L. Miller. Spd. 10-20-76. Comp. 7-1-77. TD 982'. Water input. Bridgeport, top 809'. Lawrence.

MADISON COUNTY

4N, 8W

23, C E/2 NW NE. Joseph Foucek #1 Foucek. Abd. loc. WF.

23, NE NW NE. Joseph Foucek #2 Foucek. Abd. loc. WF.

MARION COUNTY

1N, 3E

19, SW SE SW. G.A.M. Oil Co. #2 James Brasel Comm. Abd. loc. Kell North.

2N, 2E

4, NW NE SE. Texaco, Inc. #10 T. Fisher, O/A Tonti Unit, Tract 3. Conversion. Was Bethel and McClosky producer converted to Spar Mountain and McClosky water input plugged back to Aux Vases producer. Comp. 8-11-77. COTD 2056'. Water input. Benoist, top 1955'; Aux Vases, top 2014'. Tonti.

20, 62'SL, 681'EL, NE. Texaco, Inc. #27 N. Young, O/A Salem Unit, Tract 29. Conversion. Was Devonian producer. Comp. 7-29-77. COTD 3435'. Water input. Devonian, top 3391'. Salem Consol.

28, 299'NL, 353'WL, NE SW SW. Texaco, Inc. #22 J. Chapman, O/A Salem Unit, Tract 76. Conversion. Was Devonian producer converted to Aux Vases water input. Comp. 8-20-77. COTD 3476'. IP 44 BOP/1102 BW. Devonian, top 3400'. Salem Consol.

29, 280'SL, 343'EL, SE SW SE. Texaco, Inc. #41 S. Shanafelt, O/A Salem Unit, Tract 85. Conversion. Was Magnolia Petroleum Co. #41 Sam Shanafelt. Was Devonian producer deepened to Trenton producer. Comp. 7-29-77. COTD 3440'. Water input. Devonian, top 3382'. Salem Consol.

MARION COUNTY (continued)

3N, 3E

Irr. 30, 330'SL, 330'WL, SE NE. Franklin Oil Co., Inc. #1 Donoho.
OWWO. Was Goose Creek Oil. Was Salem producer. OTD 2810'. Was
Comp. 6-1-74. Recomp. 6-14-77. COTD 2810'. D&A. Salem.
top 2765'. Brubaker.

Irr. 30, 330'SL, 430'EL, SW SE. G.A.M. Oil Co. #1 C. Nave Comm. Abd.
loc. Brubaker.

SANGAMON COUNTY

15N, 4W

9, 480'SL, 330'WL, NE NW. James U. Dodge #1 T A F T. Spd. 7-28-77.
Comp. 8-1-77. TD 1700'. D&A. Devonian, top 1552'. WN - Riverton
South.

WABASH COUNTY

1N, 13W

4, 660'NL, 680'EL, SW. Hayes-Wolf Brothers Oil Co. #1 Lancaster Comm.
Spd. 8-5-77. Comp. 8-18-77. TD 4536'. D&A. Devonian, top
4308'. Lancaster.

Irr. 7, 330'SL, 1650'EL, N/2 NE. Charles E. Fisher, Jr. #1 Robert
Jones. Spd. 7-29-77. Comp. 8-2-77. TD 2807'. D&A. McClosky,
top 2798'. Lancaster Central.

WASHINGTON COUNTY

3S, 1W

18, 330'SL, 330'WL, NW SW. Charles P. Wood #2 SWD Frank Bujewski.
Conversion. Was Cypress producer. Comp. 7-1-76 (est.). COTD
1230'. SWD. Cypress, top 1202'. Dubois Consol.

WAYNE COUNTY

2N, 6E

20, SW SE NE. Booth Oil Co., Inc. #1 Indian Prairie Farms. Spd.
7-24-77. Comp. 7-31-77. TD 3207'. D&A. McClosky, top 3101'.
Zenith North.

2N, 7E

24, C W/2 NE SE. John D. Gordon #1-A Rothwell. Conversion. Was
Cypress and McClosky producer. Comp. 8-1-76 (est.). COTD 3102'.
Water input. Aux Vases, top 2908'. Clay City Consol.

2N, 8E

21, C E/2 NW SW. Santoro Oil Co., Inc. #1 Hosselton et al. Spd.
4-10-77. Comp. 7-26-77. TD 3582'. Oil producer, IP not avail-
able. Spar Mountain, top 3016', mca and acid. Clay City
Consol.

1S, 5E

18, SW SE SW. Louis H. Kapp, Jr. #1 Sam Bradford. Spd. 7-26-77.
Comp. 8-3-77. TD 3535'. D&A. Salem, top 3334'. Coil.

WAYNE COUNTY (continued)

1S, 5E

19, SW NE NW. Louis H. Kapp, Jr. #1 W. Donoho. OWWO. OWDD. Was Salem Oil Division #1 W. K. Donoho. Was D&A. OTD 3064'. Comp. 1-30-67. Recomp. 8-2-77. DTD 3550'. IP 480 BOF. Salem, top 3484'. Coil. NEW PAY IN FIELD.

28, NE SE SW. Fletcher F. Farrar #1 Montgomery. Spd. 7-27-77. Comp. 8-8-77. TD 4004'. D&A. Ullin, top 3772'. Keenville.

1S, 6E

14, C E/2 SE NW. Fletcher F. Farrar #1-A Dewey Bass. Spd. 7-7-77. Comp. 8-16-77. TD 3800'. IP 30 BOP/5 BW. Salem, top 3756', acid. Johnsonville South.

1S, 7E

1, SW SW SE. Shulman Brothers, Inc. #4 G. A. Mullinax, Northeast Geff Unit. OWDD. Was Pure Oil Co. #4 G. A. Mullinax. Was Aux Vases producer. OTD 3085'. Comp. 9-17-46. Recomp. 7-11-77. DTD 3144'. IP 4 BOP/1 BW. Ohara, top 3118'; Spar Mountain, top 3130'. Clay City Consol.

34, C N/2 SW NW. H. H. Weinert Estate #4 Muhlbach. OWDD. Conversion. Was Spar Mountain and McClosky producer converted to water input. OTD 3304'. Comp. 9-15-76 (est.). DTD 4029'. Oil well, IP not available. Salem, top 3920'. Clay City Consol.

1S, 8E

Irr. 19, 330'SL, 330'EL, SW. Gordon T. Jenkins #1 Staley. Spd. 4-13-77. Comp. 8-9-77. TD 4082'. IP 3 BOP/20 BW. McClosky, top 3295', mca and acid. Clay City Consol.

2S, 7E

Irr. 18, 990'NL, 330'EL, SW NE. Hobson Oil Co. #6 Bridges. Spd. 12-29-75. Comp. 5-5-76. TD 3345'. D&A. Ste. Genevieve, top 3282'. Clay City Consol.

2S, 9E

3, NW SW NW. Kendra Corp. #2 O'Daniel-Jones. Spd. 7-15-77. Comp. 8-2-77. TD 3858'. D&A. Salem, top 3788'. Half Moon.

14, 430'NL, 330'EL, SW SE. W. E. Brubeck #3 Arvel Mann. Spd. 5-21-77. Comp. 8-1-77. TD 3450'. IP 20 BOP/3 BW. Aux Vases, top 3278', frac.; McClosky, top 3416', acid. Goldengate Consol.

18, 360'NL, 330'EL, SE NE. Midwest Oil Producers #1 B. Carter. Spd. 7-23-77. Comp. 7-30-77. TD 4106'. D&A. Salem, top 3814'. Goldengate North Consol.

WHITE COUNTY

4S, 8E

32, SE SW NE. RK Petroleum Corp. #2 Orr et al. Spd. 7-9-77. Comp. 8-9-77. TD 3342'. IP 104 BOP. Aux Vases, top 3312', frac. Springerton South.

WHITE COUNTY (continued)

4S, 8E

32, NE SE SE. James F. Abercrombie #1 Stahl. Spd. 5-25-77. Comp. 7-1-77. TD 3331'. IP 70 BOP/0 BW. Aux Vases, top 3321', mca. Springerton South.

32, NE NE SE. RK Petroleum Corp. #4 Warthen Comm. Spd. 6-18-77. Comp. 8-2-77. TD 3342'. IP 18 BOP. Aux Vases, top 3327'. Springerton South.

34, SW SE NW. R K Petroleum Corp. #3 Kerwin Trust. Spd. 7-2-77. Comp. 8-16-77. TD 3339'. IP 56 BOP. Aux Vases, top 3321'. Springerton South.

34, SE SE NW. RK Petroleum Corp. #4 Kerwin Trust. Spd. 7-2-77. Comp. 8-16-77. TD 3336'. IP 80 BOP/trace of water. Aux Vases, top 3322', frac. Springerton South.

4S, 10E

22, SW SW NE. Eugene E. Morris #1 Gertrude Fobar. Spd. 7-14-77. Comp. 7-23-77. TD 3195'. D&A. McClosky, top 3176'. Crossville West.

5S, 8E

15, SE SE SW. RK Petroleum Corp. #1 James Bleeks. Spd. 7-22-77. Comp. 8-16-77. TD 3486'. D&A. McClosky, top 3437'. WN - Trumbull.

16, SW NE SE. William R. & Phyllis Becker #3 Triple AAA Ranch #3. OWWO. Was Weal Drlg. Co. #1 Paul Appel. Was D&A (SO). OTD 3441'. Comp. 1-11-61. Recomp. 8-16-77. COTD 3470'. IP 15 BOP/trace of water. Ohara, top 3373', mca. EXTENSION TO ENFIELD NORTH.

7S, 9E

14, 25'SL, 395'EL, SW NW. Paul S. Knight #8 Harrell (Knight-Harrell-William Unit). Spd. 11-15-75. Comp. 12-20-75. TD 2300'. IP 25 BOP. Tar Springs, top 2250', frac. Herald Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH AUGUST 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

11-15N-1W, NE NE NE. Donald E. Brown #1 Stewart. 1930'. 7-9-77. Blackland.

CLAY COUNTY

10-4N-7E, NW NE NE. Kingwood Oil Co. #1 Grace McGary. 3051'. 6-22-77.
Sailor Springs Consol.

12-4N-7E, NE NW NE. Robert E. Trimpe #1 J. Stanley. 3054'. 7-14-77.
Sailor Springs Consol.

3-5N-5E, SE SW NE. Black Gold Development Co. #1 Norbut. 2505'. 7-28-77.
Iola Consol.

3-5N-5E, NE SE SE. K Oil Inc. #3 Oboikovitz. 2453'. 8-1-77. Iola Consol.

3-5N-5E, SE NW SE. M. Kiernan #1 C. E. Post, formerly C. R. Winn. 2444'.
8-1-77. (Salt water disposal, formerly a producer.) Iola Consol.

CRAWFORD COUNTY

2-6N-13W, 660'SL, 330'WL, SW NE. Caliente Oil Co. #12 Miller. 968'.
8-2-77. (Not identified with Geological Survey Records.) Main Consol.

2-6N-13W, 330'NL, 660'EL, SE NW. Caliente Oil Co. #13 Miller. 960'.
7-11-77. (Not identified with Geological Survey Records.) Main Consol.

EDWARDS COUNTY

Irr. 31-1N-11E, 1750'NL, 990'EL, NE. Wayne Morris Oil/Gas Operations #1 Roy
Gill. 2438'. 7-8-77. Samsville.

GALLATIN COUNTY

11-8S-9E, NE NE SW. Ashland Oil & Refining Co. #1 G. L. Jones, formerly
Texas Co. 2577'. 7-5-77. (Water input, formerly a producer.) Inman
West Consol.

11-8S-9E, NE SE SW. Ashland Oil & Refining Co. #3 G. L. Jones, formerly
Herndon Drlg. Co. 2524'. 6-23-77. (Water input, formerly a producer.)
Inman West Consol.

11-8S-9E, SW SW SW. Mac Oil Co. #3 George Jones, formerly Acme Oil Inves-
tors, Inc. 2535'. 6-22-77. (Water input, formerly a producer.) Inman
West Consol.

11-8S-9E, NW SE NE. Ashland Oil & Refining Co. #3 F. H. Williams, formerly
Texas Co. 2532'. 7-7-77. (Water input, formerly a producer.) Inman
West Consol.

14-8S-9E, NW NE NW. Lohman Johnson Drlg. Inc. #1 Foster. 2518'. 6-20-77.
Inman West Consol.

14-8S-9E, NW SE NW. Lohmann-Johnson Drlg. Co. #3 L. Foster. 2545'.
6-17-77. Inman West Consol.

JASPER COUNTY

25-6N-9E, SE NE NE. Donald E. Schmitt #1 N. Ochs. 3035'. 7-18-77. Clay
City Consol.

13-7N-10E, 660'NL, 330'WL, SW SW. F. M. Minor Drlg. Co. #3 Floyd Cox.
2584'. 7-11-77. Clay City Consol.

JASPER COUNTY (continued)

- 13-7N-10E, SW NW SW. Robinson-Puckett, Inc. #2 Nelson Cox. 2540'. 7-7-77.
Clay City Consol.
- 34-7N-10E, 330'NL, 660'EL, SE NE NW. Middlesex Associates Oil Co. #1-A Dhon
Heirs. 2993'. 7-26-77. Clay City Consol.

LAWRENCE COUNTY

- 4-3N-12W, 150'SL, 230'EL, SW SW. Ohio Oil Co. #7 Phillip Moore. 1598'.
5-9-77. Lawrence.
- 25-3N-12W, 220'SL, 190'WL, SE SE. Marathon Oil Co. #4 J. E. Finley, formerly
International Oil & Gas #4 Seed. 1645'. 5-25-77. Lawrence.
- 25-3N-12W, 180'SL, 210'WL, SE SE. Marathon Oil Co. #1 J. E. Finley, formerly
International Oil & Gas #1 S. M. Seed. 1645'. 5-24-77. Lawrence.
- 19-4N-12W, 805'SL, 200'WL, SW. Ohio Oil Co. #4 C. C. Brown. 1470'.
6-14-77. Lawrence.
- 29-4N-12W, 260'SL, 250'WL, SE NW. Marathon Oil Co. #13 Wm. Ross Heirs, for-
merly Silurian Oil Co. #13 B & R. 1350'. 6-1-77. Lawrence.

RICHLAND COUNTY

- 1-4N-9E, NW NW NE. John W. Rudy #3 Cox-Varner Comm. 2822'. 7-16-77. Clay
City Consol.
- 1-4N-9E, 330'NL, 380'EL, NE. Bradley Producing Corp. #3 Carter Cox, formerly
John W. Rudy. 2786'. 7-14-77. (Water input, formerly a producer.)
Clay City Consol.
- 1-4N-9E, SE NE NE. Bradley Producing Corp. #4 Carter Cox, formerly John W.
Rudy. 2786'. 7-13-77. Clay City Consol.
- 4-3N-10E, SE NE SW. Frank Yockey #1 G. Herman, formerly Don Slape #1
Florence Herman. 3982'. 7-6-77. Olney South.

WAYNE COUNTY

- 10-1N-8E, NE SW NW. Midwest Oil Producers #1 Bourland. 3782'. 7-16-77.
Clay City Consol.

WHITE COUNTY

- 5-4S-10E, SE NE NE. Raymond A. Messman #1 Kenneth Waggoner. 2941'.
7-8-77. Centerville East.

Some Recent Publications of Interest to
The Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois---1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A. — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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MONTHLY REPORT

OIL AND GAS DRILLING
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DISCOVERIES

New Fields

COOPERSTOWN. Brown County, 26-1S-2W, Silurian at 510'.

Discovery well, De-Kane Oil Co. #1 H. Leverton, IPF 350,00 cu.ft.gas.

New Pay Zones in Fields

BROWNS EAST. Wabash County, 14-2S-14W, Chara at 2941'.

Discovery well, Hocking Oil Co., Inc. #1 Shain-Dunkel Unit, IP 15 BOP from Ohara and Salem.

KEENVILL EAST, Wayne County, 36-1S-5E, Salem at 3626'.

Discovery well, R. L. Burns #36-1 Shreve, IP 42 BOP, 21 BW.

Extensions to Fields

ELDORADO CONSOLIDATED. Saline County, 28-8S-7E, #5 Coal at 403'.

Discovery well, Petro-Search Associates, Inc. #1-P Sutton (OWWO, was D&A), IPF 500,000 cu.ft.gas.

LOUDEN. Effingham County, 30-9N-4E, Devonian at 3148'.

Discovery well, John Carey Oil Co., Inc. #1 John Larimore, IP 97 BOP.

New Pools Discovered from October 1976 through September 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng. |
|---------------------|------|------|-------------------|------|------|
| <u>October 1976</u> | | | <u>April</u> | | |
| None | | | None | | |
| <u>November</u> | | | <u>May</u> | | |
| Ferrin: | | | None | | |
| Clinton County | 2N | 1W | | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | None | | |
| <u>January 1977</u> | | | <u>July</u> | | |
| None | | | None | | |
| <u>February</u> | | | <u>August</u> | | |
| None | | | None | | |
| <u>March</u> | | | <u>September</u> | | |
| None | | | Cooperstown (gas) | | |
| | | | Brown County | 1S | 2W |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | New Dry Holes | | | Production in | |
|--|-------------|------|---------------------|--------------------|---------------|---------|-----|-----------------|----------------------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels |
| | Field | Ext. | | | | Near | Far | | |
| 1976 | | | | | | | | | |
| Jan. 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| 1977 | | | | | | | | | |
| Jan. 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May 58(1) | 0 | 0 | 53(1) | 5 | 22 | 10 | 0 | 86 | 2,274 |
| June 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,214 |
| July 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 | 2,180 |
| Aug. 29(3) | 0 | 1(1) | 28(4) | 2 | 23 | 3 | 2 | 60 | 2,238 |
| Sept. 68 | 0(1) | 1(1) | 64(1) | 5(1) | 30 | 6 | 2 | 103 | 2,165 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through August 1977 are from reports received directly from crude gathering companies. The figure for September 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, September 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|--------------------|---------------|---------------------|--------|-------------------------|
| | | | New Holes | | D&A to Prod. | New | Conversions Were | | |
| | | | Prod. | D&A | | | Prod. | Others | |
| Brown | 1 | 1 | 1* | - | - | - | - | - | - |
| Champaign | - | - | - | - | - | - | - | - | - |
| Christian | 1 | 4 | - | 1 | - | - | 3 | - | - |
| Clark | 9 | 7 | 5 | 1 | - | 1 | - | - | - |
| Clay | 5 | 12 | 7 | 4 | - | - | 1 | - | - |
| Clinton | 1 | 5 | 3 | 1 | 1 | - | - | - | - |
| Coles | 1 | - | - | - | - | - | - | - | - |
| Crawford | 16 | 16 | 10 | 3 | - | 3 | - | - | - |
| Cumberland | 1 | - | - | - | - | - | - | - | - |
| DeWitt | - | 1 | - | 1 | - | - | - | - | - |
| Edgar | 2 | - | - | - | - | - | - | - | - |
| Edwards | 10 | 3 | 1 | 1 | - | - | - | 1 | - |
| Effingham | 6 | 4 | 4 | - | - | - | - | - | - |
| Fayette | - | 3 | 1 | 1 | - | 1 | - | - | - |
| Franklin | 6 | - | - | - | - | - | - | - | - |
| Gallatin | 2 | 2 | 2 | - | - | - | - | - | - |
| Hamilton | 8 | - | - | - | - | - | - | - | - |
| Jasper | 2 | 4 | 2 | 1 | 1 | - | - | - | - |
| Jefferson | 9 | 5 | 3 | 2 | - | - | - | - | - |
| Lawrence | 3 | 3 | - | 2 | - | 1 | - | - | - |
| McLean | 1 | - | - | - | - | - | - | - | - |
| Macoupin | 1 | - | - | - | - | - | - | - | - |
| Madison | 7 | - | - | - | - | - | - | - | - |
| Marion | 4 | - | - | - | - | - | - | - | - |
| Monroe | 1 | - | - | - | - | - | - | - | - |
| Montgomery | - | 1 | - | 1 | - | - | - | - | - |
| Pope | 1 | - | - | - | - | - | - | - | - |
| Randolph | 5 | - | - | - | - | - | - | - | - |
| Richland | 1 | 4 | 3 | 1 | - | - | - | - | - |
| Saline | 1 | 1 | - | - | 1* | - | - | - | - |
| Wabash | 4 | 6 | 4 | 2 | - | - | - | - | - |
| Washington | 4 | 3 | 1 | 2 | - | - | - | - | - |
| Wayne | 37 | 23 | 14 | 8 | - | 1 | - | - | - |
| White | 16 | 13 | 4 | 6 | 3 | - | - | - | - |
| Williamson | 2 | - | - | - | - | - | - | - | - |
| | 168 | 121 | 65 | 38 | 6 | 7 | 4 | 1 | - |

*gas well

^oIssued by Department of Mines and Minerals, Springfield, Illinois
August 26, 1977 through September 29, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, September 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 2 | - | - | - | - | - |
| Livingston | 3 | - | - | - | - | - |

In addition to the above, 6 permits to drill structure tests were issued, and 20 structure tests were reported drilled in September in connection with natural gas storage.

*Issued by Department of Mines and Minerals, Springfield, Illinois August 26, 1977 through September 29, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

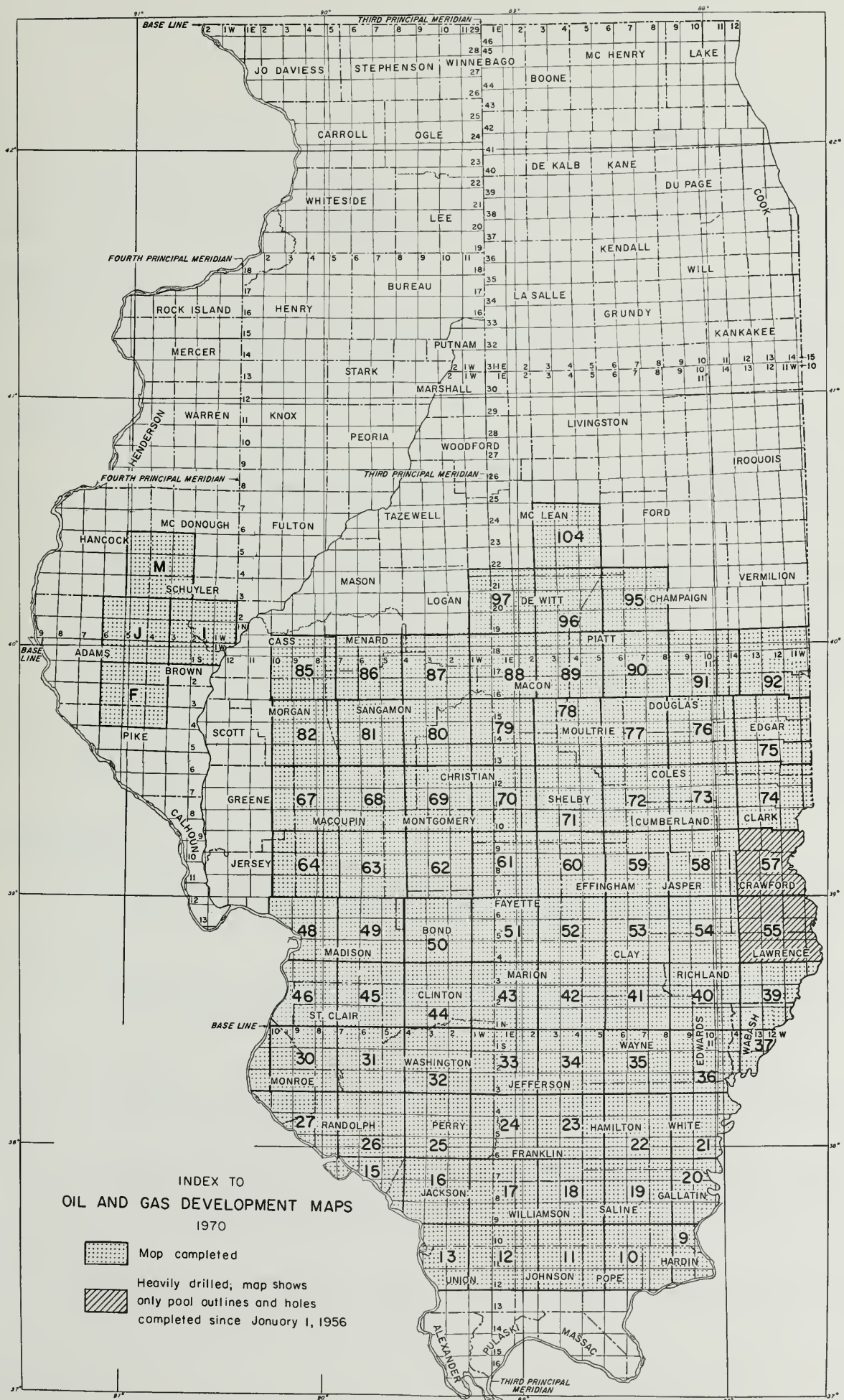
The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELLS COMPLETED FROM AUGUST 27, 1977 TO SEPTEMBER 30, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BROWN COUNTY

1S, 2W

- 26, SW SW SW. De-Kane Oil Co. #1 H. Leverton. Spd. 6-2-77. Comp. 6-18-77. TD 516'. IP 350 MCFG. Silurian, top 510'. DISCOVERY OF COOPERSTOWN FIELD.

CHRISTIAN COUNTY

13N, 3W

- 3, 330'SL, 340'EL, SW SE. Joe Simpkins Oil Dev. #4 Peabody-Linton. Conv. Was Devonian producer. Comp. 8-3-77. COTD 1821'. Water input. Devonian, top 1810'. Kincaid Consol.

- 3, 330'SL, 390'EL, SE. Joe Simpkins Oil Dev. #6 Peabody-Linton. Conversion. Was Devonian producer. Comp. 8-2-77. COTD 1817'. Water input. Devonian, top 1803'. Kincaid Consol.

- 10, 395'SL, 330'EL, NE NW. Joe Simpkins Oil Dev. #3 Maras. Conversion. Was Devonian producer. Comp. 8-4-77. COTD 1844'. Water input. Devonian, top 1828'. Kincaid Consol.

14N, 2W

- 20, NE NW SE. Robert H. Evans #1 Hedden. Spd. 6-9-77. Comp. 8-23-77. TD 1997'. D&A. Silurian, top 1922'. Sharpsburg.

CLARK COUNTY

9N, 13W

- 13, NE SW SW. James B. Orrell #1 Lyman Crumrin. Spd. 7-15-77. Comp. 8-1-77. TD 870'. D&A. Isabel, top 840' (approx.). Melrose.

10N, 13W

- Irr. 19, 330'NL, 425'EL, SW SW. Van Fossan Associates #1 Newman. Spd. 7-9-77. Comp. 8-12-77. TD 2846'. IP 40 BOP/trace of water. Trenton, top 2742', acid. Martinsville.

- 30, SW SE SE. M. C. Milam #1 Thomas Coats. Spd. 4-12-77. Comp. 7-20-77. TD 2910'. IP 35 BOP/3 BW. Trenton, top 2842', acid. Martinsville.

- Irr. 31, 330'NL, 330'WL, NE NE. M. C. Milam #2 Thomas Coats. Spd. 4-26-77. Comp. 6-23-77. TD 2910'. IP 4 BOP/4 BW. Trenton, top 2799', acid. Martinsville.

11N, 12W

- 10, SE SE NW. Comanche Oil Corp. #1 Donald Guinnip Trustee. Abd. loc. WF.

CLARK COUNTY (continued)

11N, 14W

- 3, 660'NL, 700'EL, SW NW. Paul E. Young #1-F Harper Houghton. Spd. 8-26-76. Comp. 9-22-76. TD 325'. Water input. Westfield, top 318'. Westfield.
- 4, SE SE NW. Jack H. Mankin #8 Belva Turner. Spd. 8-1-77. Comp. 8-23-77. TD 376'. IP 3 BOP. Pennsylvanian, top 318'. Westfield.
- 4, NE NE SW. Jack H. Mankin #10 Belva Turner. Spd. 7-15-77. Comp. 9-13-77. TD 360'. IP 3 BOP. Pennsylvanian, top 300', shot. Westfield.

CLAY COUNTY

2N, 5E

- 13, 890'NL, 690'EL, NW. J. W. Rudy Co. #1 S. Joplin. Spd. 8-27-77. Comp. 9-13-77. TD 2566'. D&A. Cypress, top 2554'. Xenia East.

2N, 6E

- 14, SE NE NW. Donald L. Lewis #1 Sparlin. Spd. 11-15-76. Comp. 8-23-77. TD 3602'. D&A. Salem, top 3410' (approx.). Flora Southeast.

2N, 7E

- 14, SW NE SW. John M. Zanetis #2 Hale-Henderson. Spd. 8-12-77. Comp. 8-24-77. TD 3025'. IP 75 BOP/0 BW. Aux Vases, top 2954', mca and frac. Clay City Consol.
- 14, NE SW SW. John M. Zanetis #2 Henderson. Spd. 7-18-77. Comp. 8-30-77. TD 3030'. IP 250 BOP. Aux Vases, top 2950'. Clay City Consol.
- 14, NW SW SW. John M. Zanetis #3 Henderson. Spd. 7-5-77. Comp. 8-30-77. TD 3605'. IP 150 BOP. Aux Vases, top 2958', frac. Clay City Consol.
- 14, SW SW SE. John M. Zanetis #2 A. Stanford. Spd. 7-28-77. Comp. 8-30-77. TD 3026'. IP 50 BOP. Aux Vases, top 2944'. Clay City Consol.

2N, 8E

- 10, NW NE SW. James A. Gray #1 Brother-Russell Comm. Spd. 9-19-76. Comp. 10-20-76 (est.). TD 3920'. D&A. Ullin, top 3810' (approx.). Clay City Consol.
- 17, NW NE NW. Union Oil Co. of California #4 Henry R. Bissey. Spd. 6-21-77. Comp. 8-30-77. TD 3690'. IP 283 BOP/270 BW. Salem, top 3557', frac. Clay City Consol.
- 17, SW SE NW. Union Oil Co. of California #3 Eugene Henderson. Spd. 6-8-77. Comp. 8-5-77. TD 3699'. IP 7 BOP/145 BW. Cypress, top 2668', frac; McClosky, top 3014', acid and frac. Clay City Consol.

CLAY COUNTY (continued)

2N, 8E

Irr. 18, 330'SL, 330'EL, NE NE. Union Oil Co. of Calif. #25 Leon Clark.
Spd. 7-8-77. Comp. 9-11-77. TD 3690'. IP 58 BOP/57 BW. Salem,
top 3532', acid and acid frac. Clay City Consol.

4N, 5E

11, NW NE NE. "K" Oil, Inc. #1 Marion Coleman. Spd. 8-16-77. Comp.
8-20-77. TD 2615'. D&A. McClosky, top 2596'. Iola South.

4N, 8E

Irr. 19, 990'SL, 330'WL, NW. McKinney Oil Producer, Inc. #2-SWD Dale
Stanley. Conversion. Was Spar Mountain producer. Comp. 9-9-77.
COTD 2984'. SWD. Spar Mountain, top 2969'. Sailor Springs
North.

CLINTON COUNTY

1N, 5W

33, SE SE NE. Elmer Oelze, Jr. #1 Lacy. OWWO. Was F. E. Anderson #1
Hullning. Was D&A. OTD 2101'. Comp. 10-30-51. Recomp. 6-10-77.
COTD 2101'. IP 15 BOP/20 BW. Silurian, top 2057'. New
Memphis.

33, 330'NL, 680'EL, SE. Elmer Oelze, Jr. #1 Kalmer Lacy Comm. Spd.
11-13-76. Comp. 8-10-77. TD 2054'. IP 21 BOP/5 BW. Silurian,
top 2034'. New Memphis.

34, SW NE SW. Elmer Oelze, Jr. #1 Lauf. Spd. 11-7-76. Comp. 8-15-77.
TD 2055'. IP 15 BOP/8 BW. Silurian, top 2035', frac. New Memphis.

2N, 3W

11, SE NW NW. T. R. Kerwin & Edward Lampen #1 Schroer. Spd. 9-13-77.
Comp. 9-19-77. TD 1050'. D&A. Cypress, top 1040' (approx.).
Carlyle.

3N, 3W

Irr. 31, 380'SL, 330'EL, SW. Elmer Oelze, Jr. #1-A Schroeder. Spd.
12-8-76. Comp. 5-15-77. TD 2310'. IP 4 BOP/150 BW. Devonian-
Silurian, top 2205', acid. Frogtown North.

CRAWFORD COUNTY

5N, 12W

Irr. 4, 330'SL, 360'WL, SW. Louis H. Kapp, Jr. #1 Charles Seiler. Abd.
loc. Main Consol.

6, NW NW SW. Black and Black Oil Co. #1 Hoke. Spd. 6-29-77. Comp.
9-8-77. TD 4115'. IP 24 BOP/0 BW. Trenton, top 4046', acid.
Main Consol.

12, SW NE SW. Triple "B" Oil Producers, Inc. #1 C. I. Gerhart. Spd.
5-11-77. Comp. 8-30-77. TD 978'. Oil producer, IP not available.
Robinson, top 904', frac. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

2, NE NW SW. Energy Resources of Indiana, Inc. #1 Mark Ford, Jr. Spd.
9-20-76. Comp. 8-30-77. TD 1195'. IP 3 BOP/21 BW. Robinson, top
914', acid. Main Consol.

2, SE SE SE. Energy Resources of Ind., Inc. #7 Richart Heirs. Spd.
2-4-77. Comp. 8-30-77. TD 1410'. IP 5 BOP/20 BW. Robinson,
top 856'. Main Consol.

12, C N/2 NE NE. Black & Black Oil Co. #1 A. P. Mann. Spd. 5-17-77.
Comp. 8-30-77. TD 4190'. IP 19 BOP/10 BW. Trenton, top 4110',
mca and frac. Main Consol.

12, 330'NL, 825'EL, NE. Black and Black Oil Co. #2 A. P. Mann. Spd.
9-13-77. Comp. 9-17-77. TD 1497'. D&A. Ste. Genevieve, top
1421'. Main Consol.

6N, 12W

20, C E/2 SE SE. Reiter Oil Development #2 Bill Reinoehl. Spd. 7-21-77.
Comp. 9-1-77. TD 1505'. IP 5 BOP/30 BW. Aux Vases, top 1483',
mca and frac. Main Consol.

29, SE SW NE. Triple "B" Oil Prod., Inc. #1 Doll Bros. Spd. 8-8-77.
Comp. 8-10-77. TD 911'. D&A. Robinson, top 894'. Main Consol.

6N, 13W

15, 582'SL, 1456'WL, SW. Marathon Oil Co. #GI-7 M-1 Unit. Spd. 7-28-77.
Comp. 8-5-77. TD 1004'. Observation well. Robinson, top 872'.
Main Consol.

35, 358'SL, 927'EL, NE. Marathon Oil Co. #1 L. O. Stagner et al. Spd.
4-29-77. Comp. 7-20-77. TD 4013'. IP 144 BOP/13 BW. Trenton,
top 3888', acid and frac. Main Consol.

36, SE SW NW. Lamar Properties #2-A George Utley. Spd. 7-23-77. Comp.
8-30-77. TD 1734'. Temp. abd. Salem, top 1692'. Main Consol.

36, 331'SL, 388'WL, NW SW. Marathon Oil Co. #1 Gladys White. Spd.
6-29-77. Comp. 9-11-77. TD 4031'. IP 167 BOP/6 BW. Trenton,
top 3928', acid. Main Consol.

7N, 12W

10, 896'NL, 894'EL, NE. Mason Oil Co. #2 Charles N. Newlin. Spd.
12-30-76. Comp. 4-29-77. TD 1100'. Water input. Robinson, top
1014'. Main Consol.

7N, 13W

15, 719'NL, 347'EL, SW SW. Marathon Oil Co. #0-1 Sam Henry, A/C 1, 219-R
Unit. Spd. 9-22-76. Comp. 9-27-76. TD 1050'. Observation.
Robinson sand, top not available. Main Consol.

CRAWFORD COUNTY (continued)

7N, 13W

- 20, C SW SE. Marathon Oil Co. #1 John Best. Spd. 6-16-77. Comp. 8-1-77. TD 2970'. IP 24 BOP/96 BW. Devonian, top 2870', acid. Main Consol.

8N, 12W

- 32, SE NE SW. Bellair Oil Co. #3 Richards-Novosel. Spd. 2-18-77. Comp. 9-6-77. TD 1080'. IP 12 BOP/40 BW. Robinson, top 1029', frac. Main Consol.

DE WITT COUNTY

21N, 2E

- 25, SE NW SW. John Fawcett #1 Brown. Spd. 7-25-77. Comp. 7-31-77. TD 1126'. D&A. Borden, top 1020'. WF.

EDWARDS COUNTY

1N, 10E

- 8, NW SE SW. Hocking Oil Co., Inc. #1 James Miller. OWWO. OWDD. Was J. O. Blasingame #1 J. W. Miller. Was D&A. OTD 3287'. Comp. 6-27-50. Recomp. 9-6-77. DTD 4050'. D&A. Salem, top 3690'. Maple Grove Consol.

- 27, 330'NL, 560'WL, NE NW. Spartan Petroleum Co. #1-SWD Knackmuhs. Conversion. Was D&A. Was temp. abd. OTD 3340'. Comp. 7-19-77. Recomp. 8-20-77. COTD 2660' (est.). SWD. Tar Springs, top 2610'. Samsville West.

3S, 10E

- 9, C N/2 NW SE. M. V. Ring #2 Hoover. Spd. 6-9-77. Comp. 7-20-77. TD 3285'. IP 20 BOP. Ohara, top 3234', mca. Albion West.
- 9, SE SW NE. M. V. Ring #2 Carroll Perkins. Spd. 8-17-77. Comp. 8-25-77. TD 3333'. D&A. McClosky, top 3310'. Albion West.

EFFINGHAM COUNTY

9N, 4E

- 30, SE NW SW. John Carey Oil Co., Inc. #1 John Larimore. Spd. 5-12-77. Comp. 7-6-77. TD 3198'. IP 27 BOP/0 BW. Devonian, top 3148', acid. EXTENSION TO LOUDEN.
- 31, 355'SL, 660'WL, NW NE. Texill Energy Corp. #1 Matson. Spd. 6-28-77. Comp. 9-1-77. TD 3116'. IP 50 BOP & F/0 BW. Devonian, top 3109', nat. Louden.
- 31, C N/2 NE SW. Tri-Star Producing, Inc. #3 Maxfield. Spd. 6-5-77. Comp. 7-22-77. TD 3173'. IP 55 BOP/0 BW. Devonian, top 3106', nat. Louden.
- 31, SW SE SW. Tri-Star Producing, Inc. #4 Maxfield. Spd. 6-15-77. Comp. 7-29-77. TD 3114'. IP 80 BOP/0 BW. Devonian, top 3108', nat. Louden.

FAYETTE COUNTY

7N, 3E

29, 450'NL, 608'EL, NW NW. Exxon Corp. #9 Lewis Ripley. Spd. 5-30-77.
Comp. 6-5-77. TD 1600'. Observation. Cypress, top 1560' (est.).
Louden.

29, 450'NL, 686'EL, NW NW. Exxon Corp. #10 Lewis Ripley. Spd. 6-6-77.
Comp. 6-13-77. TD 1573'. Oil well, IP not available. Cypress,
top 1548', nat. Louden.

9N, 3E

26, SE SW SW. Donald L. Lewis #1 Olinger. Spd. 5-15-76. Comp. 8-29-77.
TD 2307'. D&A. Salem, top 2095'. WN - Louden.

35, SW SW SE. W. L. Belden #7 Gordon. Abd. loc. Louden.

GALLATIN COUNTY

8S, 10E

4, SE SW NW. George Mitchell Drlg. Contractor #1 Downen. Spd. 8-16-77.
Comp. 9-11-77. TD 2819'. IP 30 BOP/O BW. Joppa, top 2758', nat.
Inman East Consol.

10, NW SW NW. George Mitchell Drlg. Contractor #4 Van Tuyl. Spd.
7-21-77. Comp. 9-4-77. TD 2429'. IP 20 BOP. Cypress, top 2414',
shot. Inman East Consol.

HAMILTON COUNTY

4S, 7E

13, NE SW NW. Gadau Oil Co. #1 Marvin Dozier. OWWO. Was C. E. Brehm
#1 F. Becker. Was D&A. OTD 3522'. Comp. 12-28-50. Recom.
8-22-77. TD 3495'. Junked hole. Bungay Consol.

7S, 7E

12, NE NE SW. Reynolds & Vincent #1 R. E. McKenzie. OWWO. OWDD. Was
J. D. Turner #1 McKenzie. Was D&A. OTD 3219'. Comp. 9-9-76.
Recom. 8-14-77. DTD 4340'. D&A. Ullin, top 4192'. WN -
Roland Consol.

JASPER COUNTY

6N, 10E

1, NE SE NE. Walter K. Howard #2 C. E. Bruner. Spd. 7-23-77. Comp.
8-21-77. TD 2720'. IP 81 BOP/trace of water. McClosky, top
2654', acid and frac. Clay City Consol.

6N, 11E

Irr. 6, 330'SL, 330'EL, SW SE. J. E. Ste. Pierre & George Loving #1
C. Chapman. Spd. 6-3-77. Comp. 7-15-77. TD 2740'. IP 6 BOP/28 BW.
McClosky, top 2662' (est.), acid and frac. Clay City Consol.

6N, 14W

3, NW SW SW. James A. Southerland #1 K. Sheridan Comm. Spd. 8-18-77.
Comp. 8-25-77. TD 2937'. D&A. Salem, top 2875' (approx.). WF.

JASPER COUNTY (continued)

7N, 11E

- Irr. 31, 488'SL, 330'WL, SW. Parrish Prod. Co. #1 Goelter. OWWO.
 OWDD. Was George & Wrather #1 Ferguson. Was D&A. OTD 2641'.
 Comp. 10-12-48. Recomp. 9-2-77. DTD 2758'. IP 28 BOP/20 BW.
 McClosky, top 2642'. Clay City Consol.

JEFFERSON COUNTY

1S, 3E

- 13, C N/2 SW NW. David F. Herley #1 P. McGinley. Spd. 11-20-76. Comp.
 1-19-77. TD 3250'. IP 28 BOP/trace of water. Salem, top 3230',
 frac. Divide Consol.

1S, 4E

- 21, SE NW SE. Farmer's Petroleum Coop., Inc. #1 Ellis-Ward Comm. Spd.
 7-20-77. Comp. 7-31-77. TD 3498'. D&A. Ullin, top 3390'. Divide
 Consol.
- 23, NW NE NE. Hobson Oil Co. #1 Byars. Spd. 8-15-77. Comp. 9-6-77.
 TD 3430'. D&A. Salem, top 3202'. Coil West.
- 23, NE NE NW. R. L. Burns Corp. #23-1 Weaver. Spd. 6-27-77. Comp.
 8-19-77. TD 3553'. IP 23 BOP/28 BW. Salem, top 3209', acid.
 Coil West.

3S, 3E

- 7, 330'NL, 880'EL, NW. Albert Gentles #5 Gee. Spd. 6-12-77. Comp.
 7-25-77. TD 2817'. IP 22 BOP/72 BW. McClosky, top 2803', acid.
 Mt. Vernon.

LAWRENCE COUNTY

2N, 12W

- 10, C S/2 NE. Frances Gillespie #W-3 Deckard. Abd. loc. Lawrence.

3N, 13W

- 13, NE NW SW. Reinhold Oil Producers #2 Staats. Spd. 8-12-76. Comp.
 1-5-77. TD 2348'. D&A. St. Louis, top 2323'. Lawrence West.

4N, 11W

- 8, SE NE NE. Trishco Oil Co. #1 Harold Watkins. Spd. 8-16-77. Comp.
 9-13-77. TD 2290'. D&A. Salem, top 2132'. Pinkstaff.

4N, 12W

- 18, 4'SL, 11'EL, NE SW. Marathon Oil Co. #NN-11 Perry King acc. 1 & 2.
 Spd. 7-5-77. Comp. 7-18-77. TD 1410'. Water input. Cypress,
 top 1307'. Lawrence.

MARION COUNTY

2N, 2E

- 31, 280'NL, 330'EL, NW SE. Texaco, Inc. #14 L. E. Dunning "A", O/A Salem
 Unit, Tract 120. Conversion. Was Devonian producer, deepened to
 Trenton producer and converted to Aux Vases water input.
 Comp. 9-14-77. COTD 3415'. IP 162 BOP/437 BW. Devonian,
 top 3296'. Salem Consol.

MONTGOMERY COUNTY

7N, 2W

20, NE SE SE. W. T. Frederking #1 Lynn. Spd. 8-20-77. Comp. 9-6-77.
TD 2450'. D&A. Devonian, top 2330'. WN - Woburn Consol.

RICHLAND COUNTY

2N, 9E

Irr. 6, 330'NL, 330'EL, NE SE NW. Hudson-Mansfield & Helm Petr. #1
Poff. Spd. 4-29-77. Comp. 8-23-77. TD 2952'. IP 18 BOP.
Aux Vases, top 2922', mca and frac. Schnell.

2N, 14W

4, 400'NL, 330'WL, SW SW. Donald L. Lewis #1 Hunley. Spd. 8-5-77.
Comp. 8-15-77. TD 3966'. D&A. Ullin, top 3797'. Parkersburg
Consol.

3N, 10E

32, NW SE SE. Spartan Petroleum Co. #1 Pitts Comm. Spd. 7-1-77.
Comp. 8-30-77. TD 3920'. IP 20 BOP/10 BW. McClosky, top 3204',
mca and frac. Calhoun Consol.

3N, 14W

32, SW SE SE. Wattleworth & Bunn #1 W. Cleaver. Spd. 6-14-77. Comp.
7-15-77. TD 3190'. IP 15 BOP/15 BW. Spar Mountain, top 3147',
acid. Parkersburg Consol.

SALINE COUNTY

8S, 7E

28, NW NE SW. Petro-Search Assoc., Inc. #1P Sutton. OWWO. Was John
Stelle #1 F. H. Sutton. Was D&A. OTD 2919'. Comp. 7-27-55.
Recomp. 8-16-77. COTD 421'. IP 500 MCFG/D. #5 Coal, top
403'. EXTENSION TO ELDORADO CONSOL.

WABASH COUNTY

1N, 11W

Irr. 18, 600'NL, 3275'WL, Section. M & M Oil Co. #2 Welch et al. Spd.
7-28-77. Comp. 8-5-77. TD 2895'. D&A. Salem, top 2572'.
Allendale.

1N, 12W

16, NE SW SW. Raymond Brinkley #3 L. C. Stevens. Spd. 6-24-77. Comp.
8-31-77. TD 3040'. IP 7 BOP/8 BW. Ohara, top 2286', acid and
frac. Allendale.

2N, 12W

35, 441'SL, 1370'EL, NE. Wayne Smith Operator, Inc. #5 Mary E. Trimble.
Abd. loc. Allendale.

1S, 13W

21, C S/2 NW SW. Olds Oil & Chemical Corp. #1 Risley et al. Comm.
Spd. 7-27-77. Comp. 9-10-77. TD 2569'. IP 3 BOP/30 BW. Bethel,
top 2561' (approx.), nat. New Harmony Consol.

WABASH COUNTY (continued)

1S, 13W

30, SW SE NE. Hocking Oil Co., Inc. #1 Tanquary Heirs. Spd. 9-16-77.
Comp. 9-21-77. TD 2900'. D&A. Ste. Genevieve, top 2823'. New
Harmony Consol.

1S, 14W

12, NW NE SE. Hocking Oil Co., Inc. #1 Keepes Heirs. OWWO. OWDD.
Was R K Petroleum Co. #1 Hazel Keepes. Was D&A. OTD 2887'.
Comp. 7-10-72. Recomp. 9-15-77. DTD 3625'. D&A. Salem,
top 3248'. WN - New Harmony Consol.

2S, 13W

Irr. 19, 1530'NL, 330'EL, NW. Gilbert A. Higgins #3 Clarence Schmidt.
Spd. 7-23-77. Comp. 8-23-77. TD 1705'. IP 25 BOP/2 BW. Biehl,
top 1690'. New Harmony Consol.

2S, 14W

14, NW NW NW. Hocking Oil Co., Inc. #1 Shain-Dunkel Unit. Spd. 7-23-77.
Comp. 8-22-77. TD 3729'. IP 15 BOP/0 BW. Ohara, top 2941'; Salem,
top 3394'. Browns East. OHARA NEW PAY IN FIELD.

WASHINGTON COUNTY

1S, 4W

15, SW SE SE. Louis H. Kapp, Jr. #1 Susie Baldwin. Spd. 7-25-77.
Comp. 9-7-77. TD 2435'. D&A. Devonian, top 2420'. Okawville.

3S, 1W

6, NW SW NW. Cecil W. Newcomb #1 Carl Mill. Spd. 8-24-77. Comp.
8-27-77. TD 1468'. D&A. Benoist, top 1462'. WN - Dubois Consol.

17, NE NW NW. Farm Feeds Construction, Inc. #2 Klaybor. Spd. 12-11-76.
Comp. 5-27-77. TD 1286'. IP 5 BOP. Cypress, top 1210', mca and
frac. Dubois Consol.

WAYNE COUNTY

1N, 6E

4, NW SW NE. Booth Oil Co., Inc. #1 George Martin. OWWO. OWDD. Was
W. Duncan #1 J. W. Harrell. Was D&A. OTD 3290'. Comp. 2-23-54.
Recomp. 8-15-77. DTD 3850'. D&A. Salem, top 3719'. Zenith
East.

Irr. 30, 330'NL, 330'EL, NE. Booth Oil Co., Inc. #1 Oakley Ellis.
OWWO. OWDD. Was Perry Fulk #1 Ellis. Was D&A. OTD 3216'.
Comp. 2-14-63. Recomp. 7-2-77. DTD 3850'. D&A. Salem,
top 3529'. Johnsonville West.

1N, 7E

23, SE NW NE. Booth Oil Co., Inc. #1 Beckel. Spd. 8-2-77. Comp.
8-28-77. TD 3186'. IP 38 BOP/0 BW. McClosky, top 3162', acid.
Clay City Consol.

1N, 8E

Irr. 6, 330'NL, 560'EL, SE SW. Van Fossan Associates #1 Elmo Powell.
Spd. 8-27-77. Comp. 9-4-77. TD 3715'. D&A. Salem, top 3370'
(approx.). Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

23, NW NW NE. Hubert W. Rose #1-A Broyles. Spd. 5-1-77. Comp. 7-22-77.
TD 3610'. IP 130 BOP. Aux Vases, top 2919', acid. Clay City
Consol.

35, SE SW NW. Union Oil Co. of Calif. #2 Flexter Cons.-A. Conversion.
Was Aux Vases producer converted to Aux Vases water input. Comp.
6-6-77. COTD 2880'. Temp. abd. Cypress, top 2695'. Clay
City Consol.

2N, 8E

21, SE NE SE. Union Oil Co. of California #D-2 E. R. Hosselton. Spd.
5-27-77. Comp. 8-12-77. TD 3683'. IP 20 BOP/20 BW. Cypress,
top 2625', acid; Aux Vases, top 2894', frac.; Ste. Genevieve,
top 2951', acid; Salem, top 3468', acid. Clay City
Consol.

1S, 5E

19, 405'SL, 330'EL, NE NW. Louis H. Kapp, Jr. #1 Youngblood et al.
Spd. 8-23-77. Comp. 9-19-77. TD 3561'. IP 40 BOP/90 BW. Salem,
top 3519', acid. Coil.

26, 330'NL, 400'EL, SW SW. Louis A. Pessina #9 Katherina Goff. Spd.
5-20-77. Comp. 7-6-77. TD 3725'. D&A. Salem, top 3460'.
Keenville.

26, 375'NL, 98'WL, SW. Charles T. Evans #1 Johnson S.W.D. Spd. 7-29-77.
Comp. 9-1-77. TD 2840'. SWD. Cypress, top 2770'. Keenville.

1S, 5E

26, SW NW SW. Charles T. Evans #3 C. E. Johnson. Spd. 9-1-77. Comp.
9-16-77. TD 3616'. IP 70 BOP. Salem, top 3589', acid. Keenville.

27, NE SE NW. Fletcher F. Farrar #2 George Reed. (In the May 1977
Drilling Report the initial production on this well was erroneously
reported as 300 BOP/10 BW. It should have been 3 BOP/10 BW.)

27, SE SE NE. Fletcher F. Farrar #4 George Reed. Spd. 7-16-77. Comp.
8-30-77. TD 3636'. IP 80 BOP/3 BW. Salem, top 3551', acid.)
Keenville.

34, NE SE NW. Texaco, Inc. #5 Jake Bowyer "A". Spd. 7-29-77. Comp.
9-2-77. TD 3821'. IP 107 BOP/114 BW. Salem, top 3617', acid.
Keenville.

36, SW NW NW. R. L. Burns Corp. #36-1 Shreve. Spd. 7-11-77. Comp.
8-23-77. TD 3765'. IP 42 BOP/21 BW. Salem, top 3626', acid.
Keenville East. NEW PAY IN FIELD.

1S, 6E

Irr. 4, 330'NL, 330'EL, SW NW. Van Fossan Associates #1 Lillie Lowe.
Spd. 7-16-77. Comp. 7-25-77. TD 3930'. D&A. Salem, top 3582'.
Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

- 11, C S/2 NE SW. Booth Oil Co. #2 H. Taylor. Spd. 6-17-77. Comp. 7-27-77. TD 3192'. IP 54 BOP/2 BW. McClosky, top 3160', acid. Johnsonville South.
- 12, NW NE NW. David Allison #1 Yates. Spd. 7-26-77. Comp. 9-3-77. TD 3234'. IP 125 BOP/100 BW. Aux Vases, top 3129', frac. Johnsonville Consol.
- Irr. 12, 330'SL, 330'EL, NE NW. David Allison #3 Yates. Spd. 7-16-77. Comp. 8-19-77. TD 3995'. IP 15 BOP/45 BW. Aux Vases, top 3120', nat. Johnsonville Consol.
- 14, C E/2 NE NW. Fletcher F. Farrar #1 Hilliard Heirs Comm. Spd. 8-15-77. Comp. 8-19-77. TD 3832'. D&A. Salem, top 3549'. Johnsonville South.
- 20, NW NE SW. Bufay Oil Co. #1 Butcher. Spd. 9-9-77. Comp. 9-13-77. TD 3230'. D&A. Ste. Genevieve, top 3112' (approx.). Johnsonville Consol.
- 23, SW SW NW. Texaco, Inc. #2 W. W. Thomas N.C.T. #3. Spd. 5-23-77. Comp. 8-18-77. TD 3825'. IP 119 BOP/55 BW. McClosky, top 3146', acid; Salem, top 3568', acid. Johnsonville South.
- 26, C S/2 SE NW. Joe A. Dull #1 Jackson-Gregg. Spd. 8-18-77. Comp. 8-22-77. TD 3201'. D&A. Ste. Genevieve, top 3112' (approx.). Clay City Consol.

1S, 7E

- 9, NE SW SW. Bufay Oil Co. #1 Sarah Milner. Spd. 8-24-77. Comp. 8-31-77. TD 3930'. D&A. Salem, top 3620' (approx.). Clay City Consol.
- Irr. 19, 330'SL, 330'WL, NW SE. Donald E. Schmitt #2 O. H. Harris. Spd. 9-2-77. Comp. 9-25-77. TD 3245'. IP 30 BOP/50 BW. Aux Vases, top 3132', mca and frac. Clay City Consol.
- Irr. 19, 330'NL, 330'WL, SE SE. Donald E. Schmitt #1 F. E. Manahan. Spd. 9-8-77. Comp. 9-18-77. TD 4020'. D&A. Ullin, top 3970' (approx.). Clay City Consol.

2S, 8E

- 27, C S/2 NE SE. Bernard Podolsky #1 Tom Vaughn. Spd. 10-16-76. Comp. 8-22-77. TD 4094'. IP 8 BOP/10 BW. Salem, top 4025'. Barnhill.

2S, 9E

- 16, NW SW NW. Ernest Sherman #1 Billington. OWWO. Was N. V. Duncan #1 Matthews. Was D&A. OTD 3430'. Comp. 1-6-59. Recomp. 4-5-77. COTD 3430'. D&A. Spar Mountain, top 3430'. Goldengate North Consol.

WAYNE COUNTY (continued)

3S, 5E

- 14, SW SE NW. Art Buchanan #1 Joy Erwin et al. OWWO. Was Warren Oil #1 E. Smith. Aux Vases producer. OTD 3500'. Comp. 8-20-69. Recom. 6-21-77. COTD 3500'. IP 25 BOP. McClosky, top 3300'. Dahlgren.

WHITE COUNTY

4S, 8E

- 34, NW NE SW. RK Petroleum Corp. #4 Continental Bank. Spd. 8-2-77. Comp. 9-13-77. TD 3346'. IP 100 BOP. Aux Vases, top 3342', frac. Springerton South.
- 34, SW NW NE. RK Petroleum Corp. #1 Fleck Heirs et al. Spd. 9-10-77. Comp. 9-18-77. TD 3386'. D&A. Ste. Genevieve, top 3370' (approx.). Springerton South.
- 35, NE SE NE. RK Petroleum Corp. #1 Birdie Gray. Spd. 8-12-77. Comp. 9-13-77. TD 3498'. D&A. Ohara, top 3483'. WN - Trumbull Consol.

4S, 14W

- 29, C E/2 NW SW. Perry Fulk #1 Brown and Henning. Spd. 7-6-77. Comp. 8-5-77. TD 4200'. IP 50 BOP/O BW. Salem, top 3816', acid. New Harmony Consol.
- 29, NW SE SE. The Superior Oil Co. #A-36 E. M. Fitton. OWWO. Was D&A (SO). OTD 2940'. Comp. 3-15-55. Recom. 8-30-77. COTD 2940'. Waterflood producer, IP not available. McClosky, top 2921'. New Harmony Consol.

5S, 8E

- 9, NW SW SE. C. E. Brehm Drlg. & Prod. #1 Leq Apple. Spd. 10-1-76. Comp. 10-8-76. TD 3500'. D&A. McClosky, top 3480'. WN - Enfield North.

5S, 9E

- 15, NW SE SW. C. E. Brehm Drlg. & Prod. #1 William F. Reinwald et al. Spd. 7-27-77. Comp. 8-29-77. TD 8000'. D&A. Knox, top 7930' (approx.). WN - Trumbull Consol.

5S, 10E

- 1, 330'NL, 500'EL, NW SW. Royal G. Cantrell #1 Henry Garner. Spd. 7-28-77. Comp. 8-30-77. TD 2160'. IP 4 BOP. Palestine, top 2126'. Phillipstown Consol.
- 1, 330'SL, 430'EL, SW SW. Royal G. Cantrell #2 Henry Garner. Spd. 7-28-77. Comp. 8-3-77. TD 2949'. D&A. Aux Vases, top 2940'. Phillipstown Consol.

6S, 9E

- Irr. 10, 550'SL, 330'WL, NW SE. Shakespeare Oil Co., Inc. #1 Charles Gowdy. Spd. 8-27-77. Comp. 9-13-77. TD 2730'. D&A. Cypress, top 2712'. Storms Consol.

WHITE COUNTY (continued)

6S, 10E

22, NE SW NW. Jim Haley Production Co. #1 Irma Brown. OWWO. OWDD.
Was Great Lakes Carbon Corp. #2 Brown. Was D&A (SO). OTD 3072'.
Comp. 10-10-44. Recomp. 7-12-77. DTD 4967'. IP 36 BOP/
trace of water. St. Louis, top 3348', frac. Concord
Consol.

7S, 11E

Irr. 18, 330'SL, 990'EL, SE. Leo Angermeier, Jr. #1 Ervin Naab. Spd.
6-16-77. Comp. 8-16-77. TD 3112'. IP 25 BOP. Cypress, top
2441', frac. New Haven Consol.

19, 530'NL, 330'WL, SE. Coy Oil, Inc. #1 W. F. Sill. OWWO. Was D&A.
OTD 3900'. Comp. 8-7-73. Recomp. 9-13-77. COTD 3200'. IP 10 BOP/
3 BW. Aux Vases, top 2720', frac. New Haven Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH SEPTEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

- 21-13N-1E, SW SE NW. E. H. Kaufman #5-B Smith Heirs. 2340'. 9-8-77.
Assumption Consol.
29-13N-1E, NE SW NE. National Assoc. Pet. Co. #3 C. G. Simcox, Trustee.
2370'. 9-7-77. Assumption Consol.

CLAY COUNTY

- 11-3N-7E, 2263'SL, 1019'WL, NE. J. Hal Jones #1 Neeley- 2958'. 8-8-77.
Sailor Springs Consol.
11-3N-7E, 990'NL, 660'EL, NW NE. N. A. Baldrige #2 Neeley. 3000'. 8-10-77.
Sailor Springs Consol.
22-3N-8E, NE SW NW. Ben C. Blades #1 Frank M. Blessing, formerly D. H. Lovelace #1 John L. Blessing et al. 3008'. 7-8-77. Clay City Consol.
29-4N-6E, 380'NL, 330'EL, NW NE. S & S Oil Co. #2-A V. Cox. 2905'. 8-9-77.
Louisville.

COLES COUNTY

- 22-12N-7E, 660'SL, 430'EL, SE. Thomas B. Mask & W. E. Hersee #1 Robert Fuqua. 3175'. 8-27-77. Mattoon.
22-12N-7E, NE SE SE. Tom Mask #2 Anna Strong, formerly T. Blake Dirickson. 1975'. 8-30-77. (Salt water disposal, formerly a producer.) Mattoon.
23-12N-7E, SW SE NW. Tom E. Grace #3-A Macke-Redman Unit, formerly Walter Duncan #3 Henry Macke. 3125'. 8-19-77. Mattoon.
23-12N-7E, 990'NL, 987'WL, NW. Tom E. Grace #4-A Pawnee Unit, formerly Walter Duncan #4 Pawnee Royalty, originally #4 Pawnee. 3131'. 8-3-77.
(Gas producer, formerly a salt water disposal, originally an oil producer.) Mattoon.
23-14N-7E, 1650'NL, 330'EL, SE. Tom E. Grace #16-D Coombe Estate. 2876'. 8-16-77. Cooks Mills Consol.

CRAWFORD COUNTY

- 2-6N-13W, 330'NL, 330'WL, NW SW NE. Fisher Oil Co. #2 Miller. 947'. 6-22-77. Main Consol.
2-6N-13W, 330'SL, 330'EL, SE SW NE. Fisher Oil Co. #6 Miller. 977'. 7-5-77. Main Consol.
2-6N-13W, 330'NL, 330'WL, SW SW NW. Fisher Oil Co. #9 Miller. 969'. 7-25-77. Main Consol.
2-6N-13W, 330'NL, 330'WL, NW SE NW. Fisher Oil Co. #11 Miller. 935'. 7-20-77. Main Consol.
2-6N-13W, 660'NL, 330'EL, NE. Caliente Oil Co. #8 Walters, formerly Cramack #8 Stevens. 970'. 6-17-77. Main Consol.
2-6N-13W, 660'NL, 660'EL, SE NW NE. Caliente Oil Co. #9 Walters, formerly Bailey Fritz #4 Stephens. 942'. 6-21-77. Main Consol.

FAYETTE COUNTY

- 4-7N-3E, 744'NL, 330'WL, NE. Carter Oil Co. #5 Florence Durbin. 1589'. 8-10-77. (Water input, formerly a producer.) Loudon.

FAYETTE COUNTY (continued)

- 8-7N-3E, NE NW NE. Carter Oil Co. #3 Darrell Durbin. 1587'. 8-10-77.
(Water input, formerly a producer.) Louden.
- 8-7N-3E, NE SE NW. Carter Oil Co. #5 Mary Welker. 1515'. 8-10-77. (Water
input, formerly a producer.) Louden.
- 23-8N-3E, 365'SL, 328'WL, SE SW. Carter Oil Co. #1 Willie Logue. 1480'.
8-17-77. Louden.
- 11-8N-3E, 355'NL, 310'WL, NE NE. Humble O & R #2 Cora Larimore, formerly
Carter Oil Co. 1625'. 8-19-77. Louden.

JASPER COUNTY

- 28-7N-10E, 330'SL, 660'WL, NE NE. Southern Ill. Oil Producers #1 N. Kerner.
3092'. 9-8-77. (Combination oil producer and salt water disposal.)
Clay City Consol.

LAWRENCE COUNTY

- 8-3N-12W, Lot 8, A. J. Warner Addition, Bridgeport. Probably Ohio Oil Co.
#Unknown Watson-Leach. 925'. 7-22-77. (Unidentified with Geological
Records.) Lawrence.
- 11-4N-11W, NW SW NE. Energy Resources of Ind., Inc. #1 Jasper Hayes. 1652'.
8-23-77. Pinkstaff East.
- 30-4N-12W, 175'NL, 625'WL, SW NE. Marathon Oil Co. #18 Oliver Baltzell,
formerly Indian Refining Co. 971'. 6-11-77. Lawrence.

MARION COUNTY

- 10-1N-2E, NW SW SE. Calvert Drlg., Inc. #1 A. L. Quinn et al. 2127'.
8-3-77. Salem Consol.
- 18-2N-2E, 644'NL, 330'WL, NW. Ashland Oil & Refg. Co. #4 Whitchurch. 1766½'.
7-26-77. (Water input, formerly a producer.) Odin.

RICHLAND COUNTY

- 1-4N-9E, NW NE NE. John W. Rudy #1 Carter-Cox. 2802'. 7-19-77. Clay City
Consol.
- 1-4N-9E, SW NE NE. Bradley Producing Corp. #2 Carter-Cox, formerly John W.
Rudy. 2789'. 7-9-77. (Water input, formerly a producer.) Clay City
Consol.
- 1-4N-9E, SE NW NE. John W. Rudy #2 Cox-Varner Comm. 2802'. 7-22-77. Clay
City Consol.
- 1-4N-9E, NE NW NE. Bradley Producing Corp. #1 Cox-Varner Comm., formerly
John W. Rudy. 2809'. 7-21-77. (Water input, formerly a producer.)
Clay City Consol.
- 28-4N-10E, 660'SL, 330'EL, NW NW. D. T. Drlg. Co. #2 B. Voight. 2995'.
9-11-74. (Water input, formerly a producer.) Olney Consol.
- 26-4N-14W, 330'SL, 660'WL, NW. Andy G. Hocking #1 Kocher et al. 3015'.
7-21-77. Hadley.
- Fr. 30-5N-9E, NE NE SW. R. W. Harper Jr. #1 Caroline Coan. 2975'. 7-13-77.
Passport North.
- 28-5N-10E, 660'NL, 330'EL, SW NW. Southern Ill. Prod., Inc. #1 H. Manning.
2936'. 8-4-77. Clay City Consol.
- 33-5N-10E, NW SE NW. Kenneth C. Bell #2 Dorris Young. 2916'. 8-15-77.
Clay City Consol.
- 33-5N-10E, SE SE NW. Kenneth C. Bell #1 Dorris Young. 2915'. 8-17-77.
Clay City Consol.

SALINE COUNTY

- 11-8S-5E, SW NE NW. C. E. R. Production #1-A E. Harris. 3163'. 8-4-77.
Harco.
- 11-8S-5E, NE NE NW. Don Slape Drlg. Co. #1 E. Harris et al. 3158'. 8-8-77.
Harco.
- 14-8S-5E, 334'NL, 115'WL, NW SE. Duke Resources Corp. #1-A Bennett. 2985'.
8-24-77. Harco.
- 14-8S-5E, 330'SL, 660'WL, SW SE. Duke Resources Corp. #1 Triplett. 3072'.
8-26-77. Harco.
- 25-8S-5E, 660'SL, 330'WL, SW NW. Duke Resources Corp. #1 Meler. 2893'.
8-31-77. Harco East.
- 15-8S-6E, 330'NL, 750'WL, NW. Pacific Explor. Corp. #1A Guest. 3028'.
9-3-77. Raleigh.
- 23-8S-7E, NW SE SW. G. L. Reasor #1 Opal & Sally Beltz et al. 2903'.
7-21-77. Eldorado East.
- 9-9S-5E, 2030'NL, 990'WL, SE. C. E. Brehm Drlg. & Prod. #1 Ozment. 4930'.
7-19-77. Harco South.
- 9-9S-5E, 410'NL, 300'WL, SE SW. C. E. Brehm Drlg. & Prod. #1 C & H. 2800'.
7-22-77. Harco South.

WAYNE COUNTY

- 2-2S-7E, 359'NL, 665'EL, SE NE. Dae V. Love #1 Love Comm., formerly Ohio
Fuel Supply Co. #1 Shaw-Hill. 3305'. 8-31-77. Clay City Consol.
- 35-1N-7E, 330'SL, 660'WL, NE NW. Perry Fulk #1 Laird. 3136'. 8-1-77.
Clay City Consol.
- 21-1N-8E, 323'NL, 330'EL, SE NE. Hubert W. Rose #1-B F. Fildes, formerly
Comer W. Benson #1 R. E. Fildes. 3844'. 7-29-77. Clay City Consol.

WHITE COUNTY

- 34-3S-9E, 440'SL, 509'WL, NW NE. Andy G. Hocking #1 Cora Elliott et al.
4214'. 7-29-77. Goldengate Consol.
- 34-3S-9E, C-W/2 SE NE. Andy G. Hocking #1 Jesse Stephens. 4224'. 8-3-77.
Goldengate Consol.
- 25-3S-10E, 380'SL, 330'EL, NE. Andy G. Hocking #1 Siefried-Eagleson Unit.
3111'. 7-22-77. Phillipstown Consol.
- 16-4S-9E, SW SE SE. Louis H. Kapp, Jr. #1 Clara Carroll. 4337'. 7-27-76.
Sumpter North.
- 32-4S-10E, SW NE SW. Geo. & Wrather Oil Co. #1 Rose-Winters-Ramming. 3240'.
8-24-77. Sumpter East.
- 32-4S-10E, SW SE SW. T. W. George Estate #1 William L. Rose, formerly George
& Wrather Oil Co. 3208'. 8-27-77. (Water input, formerly a producer.)
Sumpter East.
- 32-4S-10E, 330'SL, 730'WL, SW. T. W. George #W-8 W. L. Rose, formerly L. F.
Wilson #1 W. L. Rose. 3120'. 9-9-77. (Water input, formerly a producer.)
Sumpter East.
- 5-5S-10E, SE NW NW. T. W. George #1 G. J. Botsch, formerly Texas Oil Co.
3118'. 8-31-77. (Water input, formerly a producer.) Sumpter East.
- 15-6S-10E, NW NE SW. Duke Resources Corp. #1 John-Maria Fechter. 5227'.
8-11-77. Concord Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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OIL AND GAS DRILLING
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DISCOVERIES

New Fields

None

New Pay Zones in Fields

ENFIELD. White County, 17-5S-8E, Ullin at 4299'.
Discovery well, Pricefields Oil, Inc. #1 Fields-West,
IP 10 BOP.

Extensions to Fields

ENFIELD. White County, 17-5S-8E, Ullin at 4299'.
Discovery well, Pricefields Oil, Inc. #1 Fields -West,
IP 10 BOP.

STE MARIE WEST. Jasper County, 11-5N-10E, Spar Mtn at 2866'.
Discovery well, Lahoil, Inc. #1 Hinkel-Wartsbaugh,
IP 14 BOP, 25 BW.

TABLE I

New Pools Discovered from November 1976 through October 1977

| Pool: County | Twp. | Rng. | Pool: County | Twp. | Rng.. |
|---------------------------|------|------|-----------------------------------|------|-------|
| <u>November 1976</u> | | | <u>May</u> | | |
| Ferrin: Clinton County | 2N | 1W | None | | |
| <u>December</u> | | | <u>June</u> | | |
| None | | | None | | |
| <u>January 1977</u> | | | <u>July</u> | | |
| None | | | None | | |
| <u>February</u> | | | <u>August</u> | | |
| None | | | None | | |
| <u>March</u> | | | <u>September</u> | | |
| None | | | Cooperstown (gas) Brown County | 1S | 2W |
| <u>April</u> | | | <u>October</u> | | |
| None | | | None | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | New Dry Holes | | | | Production in | |
|--|-------------|------|---------------------|--------------------|---------------|---------|-----|-----------------|----------------------|--------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels | |
| | Field | Ext. | | | | Near | Far | | | |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| 1977 | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May | 59(1) | 0 | 0 | 54(1) | 5 | 21 | 10 | 0 | 86 | 2,274 |
| June | 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,214 |
| July | 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 | 2,180 |
| Aug. | 30(3) | 0 | 1(1) | 29(4) | 2 | 22 | 3 | 2 | 60 | 2,238 |
| Sept. | 68 | 0(1) | 1(1) | 64(1) | 5(1) | 30 | 6 | 2 | 103 | 2,210 |
| Oct. | 53 | 0 | 2 | 46 | 9 | 36 | 9 | 5 | 96 | 2,270 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1977 are from reports received directly from crude gathering companies. The figure for October 1977 is estimated.

TABLE III

Drilling by Counties, Oil and Gas, October 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|-----|----------------------------|---------------|-------------|--------|-------------------------|
| | | | New Holes Prod. | D&A | OWWO D&A to Prod. | New | Conversions | | |
| | | | | | | | Were | Others | |
| | | | | | | | | | |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Champaign | 2 | - | - | - | - | - | - | - | - |
| Christian | - | 1 | - | 1 | - | - | - | - | - |
| Clark | 5 | 6 | 4 | 2 | - | - | - | - | - |
| Clay | 3 | 10 | 7 | 3 | - | - | - | - | - |
| Clinton | - | 1 | - | 1 | - | - | - | - | - |
| Coles | 3 | 1 | 1 | - | - | - | - | - | - |
| Crawford | 12 | 12 | 8 | 3 | - | - | 1 | - | - |
| Douglas | 2 | - | - | - | - | - | - | - | - |
| Edgar | - | 1 | - | 1 | - | - | - | - | - |
| Edwards | 7 | 7 | 2 | 4 | - | - | - | 1 | - |
| Effingham | 2 | 2 | 2 | - | - | - | - | - | - |
| Fayette | 1 | 1 | - | 1 | - | - | - | - | - |
| Franklin | 1 | 1 | 1 | - | - | - | - | - | - |
| Gallatin | 2 | 1 | 1 | - | - | - | - | - | - |
| Hamilton | 6 | 2 | - | 2 | - | - | - | - | - |
| Jasper | 1 | 3 | 1 | 2 | - | - | - | - | - |
| Jefferson | 5 | 2 | - | 1 | 1 | - | - | - | - |
| Lawrence | 3 | - | - | - | - | - | - | - | - |
| Macon | 1 | - | - | - | - | - | - | - | - |
| Macoupin | 1 | 1 | - | 1 | - | - | - | - | - |
| Marion | 2 | 1 | - | 1 | - | - | - | - | - |
| Perry | - | 1 | - | 1 | - | - | - | - | - |
| Richland | 5 | - | - | - | - | - | - | - | - |
| Saline | - | 2 | - | 2 | - | - | - | - | - |
| Wabash | 8 | 7 | 1 | 4 | 1 | - | 1 | - | - |
| Washington | 1 | 3 | - | 2 | - | - | - | 1 | - |
| Wayne | 23 | 29 | 10 | 10 | 6 | 3 | - | - | - |
| White | 19 | 17 | 8 | 8 | 1 | - | - | - | - |
| Williamson | 1 | - | - | - | - | - | - | - | - |
| | 117 | 112 | 46 | 50 | 9 | 3 | 2 | 2 | - |

^o Issued by Department of Mines and Minerals, Springfield, Illinois, September 30, 1977 through October 26, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, October 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | 1 | - | - | - | - | - |

In addition to the above data, 14 structure tests were reported drilled in Illinois in October in connection with natural gas storage.

*Issued by Department of Mines and Minerals, Springfield, Illinois September 30, 1977 through October 26, 1977.

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

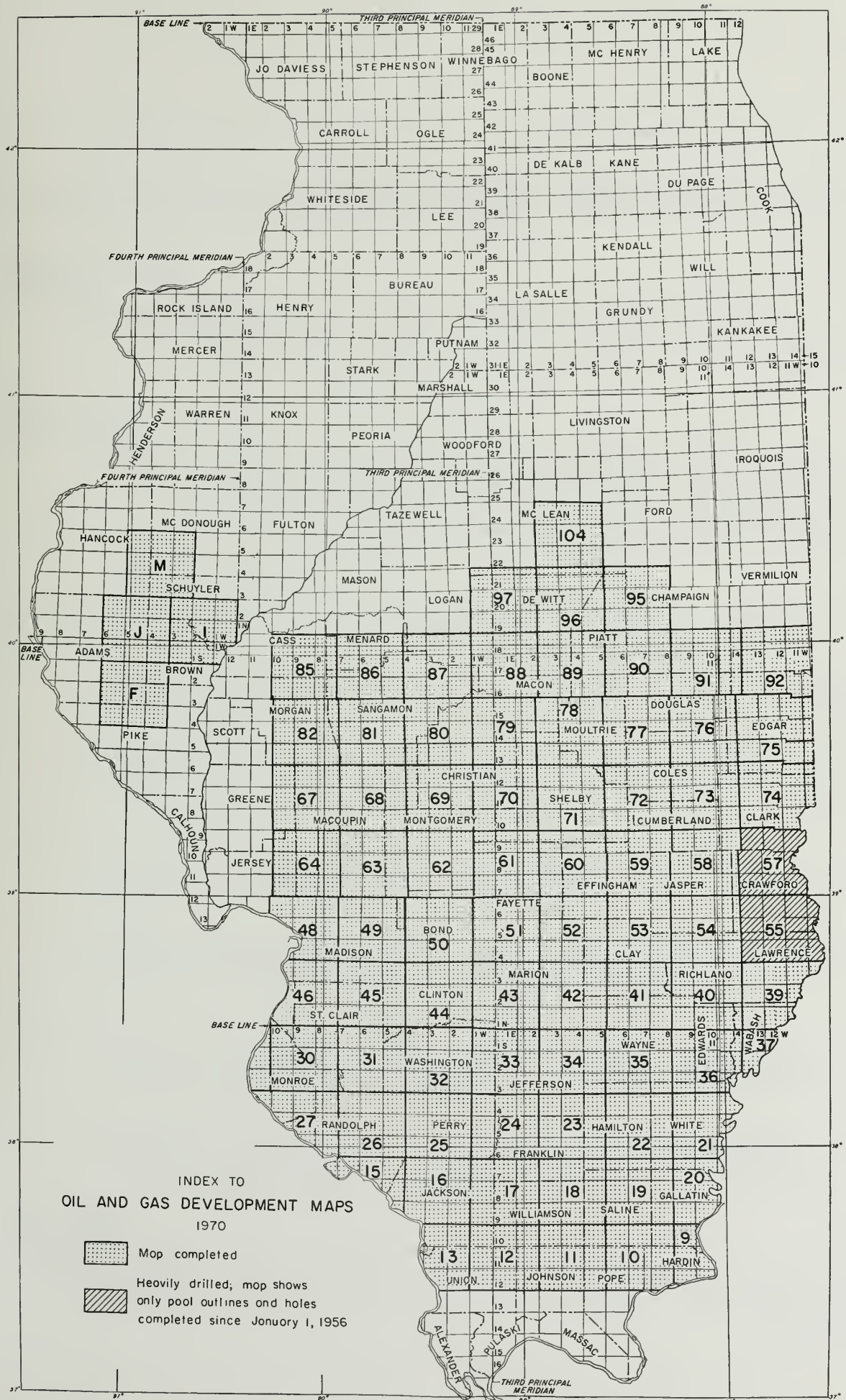
The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers' Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.



WELLS COMPLETED FROM OCTOBER 1, 1977 TO OCTOBER 28, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WN) is more than $1\frac{1}{2}$ miles from production.

CHRISTIAN COUNTY

14N, 3W

Irr. 18, 330'NL, 330'WL, NE. Hale Resources & Energy Co. #1-A R. E. Rink. Spd. 9-23-77. Comp. 9-27-77. TD 1729'. D&A. Silurian, top 1703'. Edinburg West.

CLARK COUNTY

10N, 13W

19, 338'SL, 330'WL, SE. Southern Triangle Oil Co. #1 Marshall Hill et al. Spd. 2-7-77. Comp. 4-15-77. TD 2900'. IP 30 BOP/40 BW. Trenton, top 2829', frac. Martinsville. (This well was erroneously run as temp. abd. in the August 1977 Drlg. Report.)

19, 335'NL, 330'EL, SW SE. Southern Triangle Oil Co. #2 Marshall Hill et al. Spd. 3-5-77. Comp. 9-20-77. TD 2880'. IP 30 BOP. Trenton, top 2773', acid and frac. Martinsville.

19, NW SE SE. Koons Petroleum Ent. #1 Frank Morgan. Abd. loc. Martinsville.

30, 595'NL, 330'WL, SW NE. Van Fossan Assoc. #1 E. F. Newman et al. Spd. 7-8-77. Comp. 8-7-77. TD 2845'. IP 72 BOP/5 BW. Trenton, top 2734', acid. Martinsville.

11N, 11W

1, NE NE NE. Reynolds & Vincent, Inc. #1 Wayne Miller. Spd. 9-10-77. Comp. 9-12-77. TD 1481'. D&A. Ullin, top 1378'. WF.

22, SE NW SW. Reynolds & Vincent, Inc. #1 Jack Fraker. Spd. 9-15-77. Comp. 9-18-77. TD 1501'. D&A. Salem, top 1440'. WF.

11N, 14W

4, 330'NL, 350'WL, SE NW. Jack H. Mankin #5A Belva Turner. Spd. 8-24-77. Comp. 10-11-77. TD 380'. IP 3 BOP. Pennsylvanian, top 324', shot. Westfield.

4, 990'NL, 350'WL, SE NW. Jack H. Mankin #7 Belva Turner. Spd. 9-16-77. Comp. 10-11-77. TD 377'. IP 3 BOP. Pennsylvanian, top 299', shot. Westfield.

CLAY COUNTY

2N, 6E

14, NE NE SW. Crest Oil Co., Inc. #1 N. Leonard. Spd. 9-14-77. Comp. 9-20-77. TD 3146'. D&A. McClosky, top 3122'. Flora Southeast.

CLAY COUNTY (continued)

2N, 7E

- 14, SW NW SW. John M. Zanetis #4 Henderson. Spd. 8-17-77. Comp. 10-4-77. TD 3012'. IP 75 BOP. Aux Vases, top 2960', mca and frac. Clay City Consol.

3N, 7E

- 14, 850'SL, 330'EL, NE. Silurian Oil Co. #4D Josephine Staser. Spd. 10-1-77. Comp. 10-18-77. TD 3836'. D&A. Ullin, top 3700'. Sailor Springs Consol.

3N, 8E

- 16, NE SW NE. Hubert W. Rose #1 Meyerholtz. Spd. 4-28-77. Comp. 10-18-77. TD 3614'. IP 50 BOP/trace of water. McClosky, top 3046', acid; Salem, top 3450', acid. Clay City Consol.
- 17, 500'SL, 640'WL, SE NW. Partlow & Cochonour #1 J. K. & C. D. Duff. Spd. 11-13-76. Comp. 9-7-77. TD 3734'. IP 20 BOP/30 BW. Aux Vases, top 2914', frac.; Ohara, top 3005', acid; McClosky, top 3055', acid. Clay City Consol.
- 17, 330'NL, 960'EL, NE. Hubert W. Rose #1 J. L. Padgett. Spd. 8-12-77. Comp. 10-18-77. TD 3220'. IP 20 BOP. McClosky, top 2992', acid. Clay City Consol.

5N, 7E

- 9, C E/2 NE NW. Texaco, Inc. #8 North Bible Grove Unit, Tract 20. Spd. 10-3-77. Comp. 10-16-77. TD 2520'. IP 14 BOP/98 BW. Cypress, top 2478', nat. Sailor Springs Consol.
- 10, C S/2 NW NW. Texaco, Inc. #8 North Bible Grove Unit, Tract 21. Spd. 9-20-77. Comp. 10-11-77. TD 2525'. IP 4 BOP/68 BW. Cypress, top 2472', mca and frac. Sailor Springs Consol.

5N, 8E

- Irr. 30, 330'SL, 330'WL, SE SE. Charles H. Stephens #2 H. C. Bahl. Spd. 8-3-77. Comp. 10-4-77. TD 3500'. IP 84 BOP/2 BW. Cypress, top 2551', mca and frac.; Spar Mountain, top 2931', mca and acid. Sailor Springs Consol.
- 36, SW SE NE. Robert H. Evans #1 George Klinger. Spd. 9-23-77. Comp. 10-18-77. TD 3564'. D&A. Ullin, top 3546'. Passport North.

CLINTON COUNTY

1N, 1W

- 23, SW NW SE. Leonard Fields #1 Vogt Comm. Abd. loc. Wamac West.

2N, 3W

- 5, SW NE NW. Leland Monken #1 Tebbe. Spd. 9-30-77. Comp. 10-18-77. TD 2443'. D&A. Devonian, top 2364'. WN - Frogtown North.

COLES COUNTY

11N, 7E

- 3, 330'NL, 430'EL, SE NE. Safari Oil Co. #2A Gray. Spd. 10-3-77. Comp. 10-23-77. TD 2273'. IP 22 BOP/7 BW. Salem, top 2240', acid. Mattoon.

CRAWFORD COUNTY

5N, 11W

3, NE NE SW. Hocking Oil Co., Inc. #1 W. E. Seaney. Spd. 8-21-77.
Comp. 10-14-77. TD 1074'. IP 5 BOP/0 BW. Robinson, top 931',
frac. Main Consol.

3, NW NW SE. Prudential Oil Co. #7 Harlen Shannon. Spd. 6-24-77.
Comp. 8-10-77. TD 1000'. IP 4 BOP/trace of water. Robinson,
top 947', frac. Main Consol.

3, NE NW SE. Prudential Oil Co. #8 Harlen Shannon. Spd. 6-28-77.
Comp. 8-19-77. TD 1005'. IP 4 BOP/trace of water. Robinson,
top 952', frac. Main Consol.

5N, 12W

10, NE NE NE. Lamar Properties #1 Hardin. Spd. 8-31-77. Comp.
9-10-77. TD 2956'. D&A. Devonian, top 2835'. Main Consol.

5N, 13W

1, 330'NL, 360'WL, NE. Clarence Catt, Jr. #T-1 U. McCall. Spd.
6-12-77. Comp. 10-21-77. TD 4052'. IP 56 BOP/0 BW. Trenton,
top 3927'. Main Consol.

6N, 12W

Irr. 16, 990'SL, 512'EL, SW SE. Crossroads Oil, Inc. #1-A Mark Putnam.
Spd. 5-9-77. Comp. 10-4-77. TD 1560'. IP 28 BOP/50 BW.
Aux Vases, top 1516', mca and frac. Main Consol.

6N, 13W

36, SW SE SW. Lamar Properties #1-A V. McCall. Spd. 6-17-77. Comp.
9-26-77. TD 3996'. IP 45 BOP/200 BW. Devonian, top 2516', acid
and frac.; Trenton, top 3880', acid and frac. Main Consol.

7N, 13W

27, 370'NL, 660'EL, NW SE. Kenneth R. Freed #2 Morgan SWD. Conversion.
Was Don W. Newton #2 Morgan. Was Robinson producer. Comp.
9-10-76. COTD 1037'. SWD. Robinson, top 1006'. Main
Consol.

8N, 12W

19, NW SW NW. Mason Oil Co. #2 Guyer Brothers, Inc. Spd. 1-4-77.
Comp. 8-24-77. TD 4190'. D&A. Trenton, top 4042'. Main Consol.

32, SW NW SE. David Jones Oil Producer #2 Marion Williamson. Spd.
3-30-77. Comp. 8-17-77. TD 1090'. IP 40 BOP/40 BW. Pennsyl-
vanian, top 1019', frac. Main Consol.

32, NE NW SE. David Jones Oil Producer #3 Marion Williamson. Spd.
7-12-77. Comp. 10-18-77. TD 1100'. IP 40 BOP/100 BW. Robinson,
top 1012', frac. Main Consol.

8N, 13W

24, NE NE SE. Used Oil Field Equipment #1-A John & Mary R. Patelski.
Abd. loc. Main Consol.

CRAWFORD COUNTY (continued)

8N, 13W

- 25, C N/2 NW SW. Midcontinent Energy Co., Inc. #1 G. Shonk. Spd. 8-16-77. Comp. 9-4-77. TD 4365'. D&A. Trenton, top 4050' (approx.). Main Consol.

EDGAR COUNTY

12N, 14W

- 12, 430'SL, 330'WL, SE NE. Earnest Zink #2 Zink. Spd. 9-15-77. Comp. 10-18-77. TD 550'. D&A. Pennsylvanian, top 430'. Inclose.

EDWARDS COUNTY

1N, 10E

- 29, NE NW NW. Frank Yockey #2 Bennett. Spd. 7-25-77. Comp. 9-27-77. TD 3200'. IP 39 BOP. Aux Vases, top 3168', frac. Maple Grove Consol.

1N, 14W

- Irr. 7, 330'SL, 330'EL, NE NW. Gilbert A. Higgins #1 Anderson Brothers. Abd. loc. Parkersburg Consol.
- Irr. 7, 330'NL, 330'WL, NE. Gilbert A. Higgins #2 Anderson Brothers. Abd. loc. WN - Parkersburg Consol.

2N, 14W

- Irr. 31, 330'NL, 495'WL, SE SE. Western Oils, Ltd. #2 Frank Bierhaus. Spd. 9-30-77. Comp. 10-18-77. TD 2442'. D&A. Tar Springs, top 2436'. Parkersburg Consol.
- Irr. 31, 330'SL, 330'WL, NE SE. Western Oils, Ltd. #5 Carl Kent Comm. Spd. 9-21-77. Comp. 9-27-77. TD 2420'. D&A. Tar Springs, top 2400' (approx.). Parkersburg Consol.

1S, 14W

- Irr. 6, 1650'SL, 330'EL, NE SW. J. W. Rudy Co. #1 Haeseler-Gould Comm. Spd. 9-22-77. Comp. 9-30-77. TD 3215'. D&A. Ste. Genevieve, top 3130' (approx.). Bone Gap Consol.

2S, 10E

- 18, 370'SL, 990'EL, NW SE. Modern Explorations #1 Hamilton. Spd. 9-1-77. Comp. 9-6-77. TD 3353'. D&A. McClosky, top 3338'. Ellery North.
- 18, 330'NL, 950'WL, SE SW. Modern Exploration #1 Woods. Spd. 6-14-77. Comp. 9-27-77. TD 5425'. IP 100 BOP. Aux Vases, top 3233', mca and frac. Ellery North.

3S, 10E

- 12, NW SW SW. Fear & Duncan Oil Producers #2 SWD McGarvey. OWWO. Conversion. Was Skelly Oil Co. #2 Glover. Was D&A. OTD 2035'. Comp. 10-19-43. Recom. 8-17-76. COTD 1396'. SWD. Pennsylvanian, top 1180'. Albion Consol.

EFFINGHAM COUNTY

8N, 4E

Irr. 6, 505'SL, 330'EL, NW NW. Tri-Star Producing, Inc. #1 Claggett-Dial Comm. Spd. 8-6-77. Comp. 7-25-77. TD 3183'. IP 35 BOP. Devonian, top 3102'. Louden.

9N, 4E

31, SE SW NW. Tri-Star Producing, Inc. #1-D Lancaster. Spd. 1-26-77. Comp. 10-11-77. TD 3288'. IP 10 BOP. Sylamore (est.), top 3106', frac. Louden.

FAYETTE COUNTY

8N, 3E

20, SE SE SE. Exxon Corp. #4 Tom Wright. OWDD. Was Bethel producer. OTD 1563'. Comp. 10-24-39. Recomp. 9-24-77. DTD 1585'. IP 24 BOP/275 BW. Benoist, top 1563', approx.; Aux Vases, top 1580' (est.), frac. Louden.

35, 430'SL, 330'EL, SE SE. Smith Oil Co. #4 Edith K. Smith. Spd. 12-15-76. Comp. 6-15-77. TD 1862'. IP 2 BOP/85 BW. Cypress, top 1588', frac. Louden. (This well was erroneously run as D&A in the May 1977 Drlg. Report.)

9N, 3E

24, SW SE NW. Pogo Petroleum, Inc. #1 Everette Gordon Comm. Spd. 8-27-77. Comp. 9-6-77. TD 3338'. D&A. Grand Tower, top 3320'. WN - Louden.

FRANKLIN COUNTY

5S, 4E

16, NE NE NW. C. E. Brehm Drlg. & Prod. #1 Threlkeld. Spd. 11-22-76. Comp. 2-1-77 (est.). TD 3965'. IP 40 BOP/0 BW. Ullin, top 3958'. Taylor Hill.

GALLATIN COUNTY

7S, 9E

23, 330'NL, 830'WL, SW NW. Absher Oil Co. #4 C. H. Boyd. Spd. 3-22-77. Comp. 10-18-77. TD 2890'. IP 6 BOP/10 BW. Cypress, top 2574'. Herald Consol.

8S, 9E

15, SE NW SW. C. F. Rebstock #1 Hish. OWDD. Conversion. Was R. B. Martin #1 Straub Comm. Was Cypress producer. OTD 2517'. Comp. 10-27-42. Conversion by Gulf Oil Corp. to WI, Tar Springs and Cypress. Comp. 8-4-77. DTD 2916'. D&A. McClosky, top 2868'. Inman West Consol.

HAMILTON COUNTY

3S, 7E

25, SW NW NW. Black Hawk Resources Corp. #12-25 Pollard. Spd. 9-11-77. Comp. 9-21-77. TD 4310'. D&A. Ullin, top 4280'. WN - Mill Shoals.

HAMILTON COUNTY (continued)

6S, 6E

- 10, NW NE SE. C. E. Brehm Drlg. & Prod. #4 Barney Lager. Spd. 9-13-77.
Comp. 9-19-77. TD 3400'. D&A. St. Louis, top 3290' (approx.).
Dale Consol.

JASPER COUNTY

5N, 10E

- 11, SE SW NW. Lahoil, Inc. #1 Hinkel-Wartsbaugh. Spd. 8-2-77. Comp.
9-11-77. TD 2888'. IP 14 BOP/25 BW. Spar Mountain, top 2866',
mca. EXTENSION TO STE. MARIE WEST.
- 11, C N/2 NW SW. Lahoil, Inc. #2 Hinkel-Wartsbaugh. Spd. 10-1-77.
Comp. 10-18-77. TD 2925'. D&A. Fredonia, top 2877'. Ste. Marie
West.

6N, 14W

- Irr. 6, 330'NL, 330'EL, SE NE. James A. Southerland #1 G. Sheridan.
Spd. 8-26-77. Comp. 10-18-77. TD 3074'. D&A. Salem, top 2887'.
WN - Clay City Consol.

JEFFERSON COUNTY

1S, 4E

- 24, NW SW SE. Van Fossan Assoc. #1 Sam Bradford. OWWO. OWDD. Was
Charles H. Stephens #1 Bertha Matthews. Was D&A. OTD 3077'.
Comp. 6-10-66. Recomp. 9-25-77. DTD 3625'. D&A. Salem,
top 3288'. Coil West.
- 24, 330'NL, 430'EL, SE. Van Fossan Assoc. #1 Rufus Youngblood. OWDD.
Was Lincoln Drilling Co., Inc. #1 Youngblood-Tubbs Comm. Was D&A.
OTD 3074'. Temp. abd. 12-1-73. Recomp. 9-26-77. DTD 3560'.
IP 212 BOF/10 BW. Salem, top 3504'. Coil West.

2S, 1E

- 34, SW SE NE. Peter S. Smalley #1 Margarette Smalley. Spd. 9-10-77.
Comp. 9-16-77. TD 2257'. D&A. McClosky, top 2233'. Woodlawn.

MACOUPIN COUNTY

7N, 7W

- 15, 404'NL, 330'EL, NW. Carl Wilson #1 Carl Wilson. Spd. 8-18-77.
Comp. 9-20-77. TD 565'. D&A. Pennsylvanian, oil sand absent.
Staunton.

MARION COUNTY

2N, 1E

- 9, NW NE NW. Goose Creek Oil Co., Inc. #1 S. Swagler. Spd. 8-10-77.
Comp. 9-7-77. TD 3006'. D&A. Geneva, top 3002'. Sandoval.

PERRY COUNTY

4S, 4W

- 36, SE NE NW. James H. Donnewald #1 Boatman's Bank & Trust. Spd.
10-2-77. Comp. 10-8-77. TD 2841'. D&A. Devonian, top 2772'.
WF.

RICHLAND COUNTY

4N, 14W

- 26, SW SE NW. Shakespeare Oil Co., Inc. #1 C. Richey et al. Abd. loc.
WN - Hadley.

SALINE COUNTY

7S, 5E

- 19, 330'SL, 360'WL, SE NE. Misty Oil Co. #1 Bunnell Comm. Spd. 7-6-77.
Comp. 7-18-77. TD 4300'. D&A. Ullin, top 3976'. Dale Consol.

10S, 6E

- 34, 460'NL, 660'EL, NW NW. Texas Pacific Oil Co., Inc. #1 John Wells
et al. Spd. 7-29-77. Comp. 9-21-77. TD 6200'. D&A. Maquoketa,
top not available. WF.

WABASH COUNTY

1N, 11W

- 8, 900'NL, 60'WL, NW. RK Petroleum Corp. #1 Fuller-Smith. Spd.
10-11-77. Comp. 10-20-77. TD 2742'. D&A. Salem, top 2462'.
Allendale.

- 8, 3875'SL, 400'WL, Section. M & M Oil Co. #1 Yelch et al. Spd.
7-20-77. Comp. 9-16-77. TD 2113'. IP 9.6 BOP/O BW. Ohara, top
2102', nat. Allendale.

1N, 13W

- 25, NW NW SW. Viking Oil Co. #1 Herman Steckler. Spd. 7-14-77. Comp.
7-18-77. TD 1756'. D&A. Pennsylvanian, top 1749'. WN - New
Harmony Consol.

1S, 12W

- Irr. 19, NE NE SW. Spartan Petroleum Co. #2-SWD Ankenbrand Heirs.
Conversion. Was McClosky producer. Comp. 2-28-77. COTD 2415'.
SWD. McClosky, top 2283'. Mt. Carmel.

- Irr. 19, 330'SL, 330'WL, NW NE. Spartan Petroleum Co. #2 Tennes "B"
Unit. Spd. 7-4-77. Comp. 7-8-77. TD 1697'. D&A. Waltersburg
(Shaley), top not available. Mt. Carmel.

2S, 13W

- 28, NE SE NE. Hocking Oil Co., Inc. #1 Fred Hocking. OWWO. OWDD.
Was Sam Boxell #1 Jesse Hocking. Was D&A. OTD 2795'. Comp.
11-30-60. Recom. 9-17-77. DTD 3475'. IP 15 BOP/trace of
water. Ohara, top 2748'. Keensburg South.

2S, 14W

- 23, 360'NL, 330'WL, NW. Hocking Oil Co., Inc. #1 Earl Raber. Spd.
8-22-77. Comp. 10-18-77. TD 3619'. Temp. abd. Salem, top
3350'. New Harmony Consol.

WASHINGTON COUNTY

1S, 1W

- 26, 990'NL, 360'WL, NE NW. E. H. & K. Oil Co. #6 A. C. Stanton. OWWO.
Conversion. Was Gulf Oil Corp. #6 A. C. Stanton. Was plugged
Benoist producer. OTD 1559'. Comp. 6-3-41. Recom. 9-19-77.
COTD 1235'. SWD. Tar Springs, top 1150'. Irvington.

WASHINGTON COUNTY (continued)

3S, 2W

- 14, 330'NL, 350'EL, SE NE. Leland Monken #2 L. Johannes. Spd. 7-14-77.
Comp. 7-17-77. TD 1367'. D&A. Benoist, top 1360'. Dubois
Consol.

3S, 3W

- 34, 330'SL, 362'WL, SE SE. Conway Tucker #1 Theodore Stern. Spd.
9-12-77. Comp. 9-15-77. TD 902'. D&A. Glen Dean, top 900'.
WN - Cordes.

WAYNE COUNTY

1N, 6E

- 20, SW NE SW. Booth Oil Co., Inc. #1 Geo. Matchett. OWWO. Was Falese
Oil Co. #1 Schwartz Comm. Was D&A. OTD 3217'. Comp. 5-2-63.
Recomp. 9-8-77. COTD 200'. Lost hole - D&A. Johnsonville
West.

- 29, NE SW NW. Booth Oil Co., Inc. #1 Hargrave. OWWO. OWDD. Was
McKinney Oil Producer, Inc. #1 Hargrave. Was D&A. OTD 3215'.
Comp. 9-29-73. Recom. 10-7-77. DTD 3850'. D&A. Salem,
top 3663' (approx.). Johnsonville West.

1N, 7E

- 35, SW NW NE. Van Fossan Associates #1 Mildred Robinson et al. Abd.
loc. Clay City Consol.

1N, 8E

- 11, NE SE NW. Black Hawk Resources Corp. #43-11 Wilkins et al. Spd.
9-2-77. Comp. 9-8-77. TD 3900'. D&A. Ullin, top 3865'. Clay
City Consol.

2N, 6E

- 26, NW NE NE. Republic Oil Co., Inc. #1 Spitzner. Spd. 9-19-77. Comp.
9-24-77. TD 3200'. D&A. Ste. Genevieve, top 3127'. WF.

2N, 7E

- 21, NE SE NW. John M. Zanetis #1 J. Briscoe. Spd. 8-24-77. Comp.
9-29-77. TD 3998'. IP 5 BOP/40 BW. Aux Vases, top 2993', frac.;
McClosky, top 3110', acid. Clay City Consol.

- 22, 330'NL, 530'EL, NW NE. David F. Herley #1 Pauline "B". Spd.
9-26-77. Comp. 10-18-77. TD 3622'. D&A. Ullin, top 3608'.
Clay City Consol.

- 23, 430'NL, 330'EL, SE NE. Hubert W. Rose #1-A Smith. Spd. 5-15-77.
Comp. 7-25-77. TD 3744'. IP 93 BOP/25 BW. Salem, top 3499',
acid. Clay City Consol.

- 23, NW NE NW. Hubert W. Rose #1-A Staley. OWWO. OWDD. Was Pure Oil
Co. #3 S. J. Staley "A". Was D&A. OTD 3066'. Comp. 10-9-45.
Recomp. 5-30-77. DTD 3640'. IP 100 BOP/0 BW. Aux Vases,
top 2964'. Clay City Consol.

WAYNE COUNTY (continued)

2N, 7E

- 25, NW NW NW. Union Oil Co. of Calif. #B-9 C. H. Bissey. Spd. 7-29-77.
Comp. 9-20-77. TD 3638'. IP 147 BOP/216 BW. Aux Vases, top
2893', frac.; McClosky, top 3031', acid; Salem, top 3388',
acid. Clay City Consol.

1S, 5E

- 22, SW SW SW. Modern Explorations #1-A Reed. Spd. 2-16-77. Comp.
2-25-77. TD 3815'. D&A. Ullin, top 3775' (approx.). Keenville.

- 27, 750'NL, 1000'WL, SW SE. Louis A. Pessina #1-SWD K. Goff. Abd.
loc. Keenville.

- 27, SE NW NW. Fletcher F. Farrar #1 Louise Reed. Spd. 8-25-77. Comp.
9-2-77. TD 3675'. D&A. Salem, top 3441'. Keenville.

- 28, NE NW NW. Modern Explorations #1 Bradford Comm. Spd. 4-14-77.
Comp. 4-23-77. TD 3809'. D&A. Ullin, top 3795' (approx.).
Keenville.

- 28, 330'SL, 380'EL, NE. Lake Michigan Explor. Co. #1 McCord. Spd.
7-1-77. Comp. 8-31-77. TD 3712'. IP 55 BOP/12 BW. Salem, top
3643'. Keenville.

- 29, SW NE SE. Fletcher F. Farrar #1 Withrow. Spd. 10-1-77. Comp.
10-10-77. TD 4015'. D&A. Ullin, top 3740'. Keenville.

- 34, 430'SL, 990'EL, SE NW. Texaco, Inc. #6 J. Bowyer "A". Spd.
8-29-77. Comp. 9-29-77. TD 3816'. IP 26 BOP/257 BW. Salem,
top 3622', acid. Keenville.

- 34, 430'NL, 330'WL, NW. Texaco, Inc. #8 C. L. Tutt. Spd. 8-15-77.
Comp. 9-18-77. TD 3800'. IP 58 BOP/174 BW. Salem, top 3553',
acid. Keenville.

- 35, 660'SL, 373'EL, SW. Art Buchanan #1 James Rainwater. Spd. 9-6-77.
Comp. 9-18-77. TD 3920'. D&A. Ullin, top 3770' (approx.). WN -
Keenville.

1S, 6E

- Irr. 1, 330'SL, 330'EL, SW SW. Booth Oil Co., Inc. #1 Manahan. OWWO.
Was Hobson Oil Co. #1 Manahan et al. Was D&A. OTD 4066'. Comp.
1-21-77. Recomp. 9-21-77. COTD 540'. Junked hole.
Johnsonville Consol.

- 10, SE SE NE. Republic Oil Co., Inc. #3 Pennington. OWWO. OWDD. Was
Indiana Farm Bureau #1 J. Pennington. Was D&A. OTD 3246'. Comp.
5-8-51. Recomp. 7-15-77. DTD 3330'. IP 25 BOP/10 BW.
St. Louis, top 3304', acid. Johnsonville South.

- 11, C N/2 SE SW. Booth Oil Co., Inc. #1-A J. Taylor. Spd. 9-21-77.
Comp. 9-26-77. TD 3210'. D&A. Ste. Genevieve, top 3120' (approx.).
Johnsonville South.

WAYNE COUNTY (continued)

1S, 6E

- 12, NE NW NW. Booth Oil Co., Inc. #1 Wilson. Spd. 9-27-77. Comp. 10-2-77. TD 3160'. D&A. Aux Vases, top 3125' (approx.). Johnsonville Consol. (This well was erroneously run as abd. loc. in the June, 1977 Drlg. Report.)
- 14, C N/2 SW NE. Fletcher F. Farrar #2 Paul White. Spd. 9-2-77. Comp. 10-4-77. TD 3807'. IP 45 BOP/15 BW. Salem, top 3727', acid. Johnsonville South.
- 20, SW SE NE. Bufay Oil Co. #1 Pearl Dickey. Spd. 8-15-77. Comp. 9-29-77. TD 3800'. IP 30 BOP/60 BW. Aux Vases, top 3038', frac. Johnsonville Consol.
- 23, SW SE SE. Midwest Oil Producers #1 Arney. Spd. 9-1-77. Comp. 10-3-77. TD 3168'. IP 50 BOP/0 BW. Ohara, top 3158', acid. Clay City Consol.
- 26, NW NE SW. Ernest Sherman #1 J. Stanley White. OWWO. Was N. V. Duncan. Was D&A. OTD 3250'. Was Comp. 11-11-52. Originally D. B. Lesh & Co. Comp. 10-28-52. Recom. 5-30-77. COTD 3247'. IP 5 BOP/40 BW. McClosky, top 3190', acid. Clay City Consol.

1S, 7E

- 1, NW SW SE. Shulman Brothers #1 G. A. Mullinnax. OWDD. Was Pure Oil Co. Was Aux Vases producer. OTD 3084'. Comp. 4-9-46. Conversion. Water input. Aux Vases. Comp. 7-18-64. Recom. 9-27-77. DTD 3168'. D&A. Ste. Genevieve, top 3123'. Clay City Consol.

1S, 8E

- 19, 250'SL, 330'WL, NW SE. Jenkins Brothers #1-WSW Miller. Spd. 10-11-76. Comp. 4-1-77. TD 780'. WSW. Pennsylvanian sand, top 742'. Clay City Consol.

2S, 9E

- 14, 400'SL, 370'EL, SE. M. J. Williams #1 Roscoe Jones Water Supply. Spd. 3-1-77 (est.). Comp. 3-11-77. TD 145'. WSW. Pennsylvanian, top 38'. Goldengate Consol.
- 16, NE SE NW. Ernest Sherman #2 Cooper. Spd. 11-5-76. Comp. 12-11-76. TD 3390'. IP 15 BOP/0 BW. Aux Vases, top 3250', nat.; Ohara, top 3307', acid; Spar Mountain, top 3332', acid. Goldengate North Consol.
- 23, 342'NL, 360'EL, NW NE. M. J. Williams #1 Henry Arney Water Supply. Comp. 11-75. TD 156'. Water supply well. Pennsylvanian, top 44'. Goldengate Consol.
- 31, NE SW SW. Jerry E. Friend #1 Moore. OWWO. OWDD. Was Coy Oil Co. #1 Laws. Was D&A. OTD 3394'. Comp. 11-26-57. Recom. 10-11-77. DTD 4213'. IP 20 BOP/5 BW. Aux Vases, top 3276', frac. Barnhill.

WAYNE COUNTY (continued)

2S, 9E

- 31, SE SW NW. Jerry E. Friend #3 Vaughn. OWWO. Was N. V. Duncan #1 Bell-Laws Comm. Was D&A. OTD 3397'. Comp. 4-24-56. Recom. 10-11-77. COTD 3397'. IP 25 BOP/50 BW. Aux Vases, top 3256', frac. Barnhill.

3S, 8E

- 15, SE SW SW. Black Hawk Resources Corp. #28-15 Reed Comm. OWWO. Was Oslager Drlg. #1 Vaughn. Was D&A. Comp. 4-14-59. Recom. 10-11-77. COTD 3537'. IP 10 BOP/43 BW. Aux Vases, top 3336', mca and frac. Barnhill.

WHITE COUNTY

3S, 8E

- 29, SE NW NE. Pool Oil Co. #1 Curd. Spd. 8-17-77. Comp. 8-30-77. TD 4261'. D&A. Ullin, top 4194'. Mill Shoals.

3S, 10E

- 36, 330'SL, 1055'WL, NW NE. Barger Engineering, Inc. #1 B & L Sturm. Spd. 8-4-77. Comp. 10-4-77. TD 3111'. IP 11 BOP/30 BW. Bethel, top 2905', water frac.; Ohara, top 3091', acid. Phillips-town Consol.

4S, 8E

- 27, SW NW SW. RK Petroleum Corp. #1 R. J. Williams et al. Spd. 10-13-77. Comp. 10-20-77. TD 3489'. D&A. McClosky, top 3485' (approx.). WN - Springerton South.
- 32, SW SW NE. RK Petroleum Corp. #3 Orr et al. Spd. 8-31-77. Comp. 10-18-77. TD 3348'. IP 68 BOP/trace of water. Aux Vases, top 3331'. Springerton South.
- 32, NW SW NE. RK Petroleum Corp. #4 Orr et al. Spd. 9-13-77. Comp. 10-11-77. TD 3489'. D&A. McClosky, top 3461'. Springerton South.
- 32, SE SE SE. James F. Abercrombie #3 Valeta Stahl. Spd. 9-25-77. Comp. 10-1-77. TD 3518'. D&A. McClosky, top 3500' (approx.). Springerton South.
- 32, SE NE SE. RK Petroleum Corp. #8 Warthen Comm. Spd. 6-28-77. Comp. 8-27-77. TD 3348'. Temp. abd. Aux Vases, top 3331'. Springerton South.
- 34, SW SW NE. RK Petroleum Corp. #1 Brockett "A" Lse. Spd. 9-1-77. Comp. 10-4-77. TD 3338'. IP 55 BOP/some water. Aux Vases, top 3332', frac. Springerton South.
- 34, NE SE NW. RK Petroleum Corp. #5 Kerwin Trust. Spd. 8-24-77. Comp. 10-4-77. TD 3345'. IP 72 BOP/some water. Aux Vases, top 3340', frac. Springerton South.

WHITE COUNTY (continued)

4S, 9E

- 28, NE NE SW. Hamilton Oil Corp. #1 Virtus Winter. Spd. 9-20-77.
Comp. 9-28-77. TD 3204'. D&A. Aux Vases, top 3187'. WN - Sumpter
North.

4S, 10E

- 8, NW SW SW. Absher Oil Co. #H-2 East Centerville. OWWO. Was D&A.
OTD 3308'. Comp. 10-18-72. Recom. 8-12-77. COTD 2880'.
Junked hole. Centerville East.
- 27, SE SE NW. Eugene E. Morris #1 Elza Barbre. Spd. 10-1-77. Comp.
10-18-77. TD 3180'. D&A. McClosky, top 3162'. Phillipstown
Consol.

5S, 8E

- 15, NE SW SW. William R. & Phyllis Becker #1 Marsden-Garrett. OWWO.
Was O. D. Sharp #1 M. E. Hubele. Was D&A (SO). OTD 3466'.
Comp. 11-9-54. Recom. 10-18-77. COTD 3479'. IP 8 BOP..
Ohara, top 3375', acid and acid frac. Enfield North.
- 17, SW NW NW. Pricefields Oil, Inc. #1 Fields-West. Spd. 3-24-77.
Comp. 8-1-77 (est.). TD 4358'. IP 10 BOP/some water. Ullin,
top 4299', acid. EXTENSION TO ENFIELD. NEW PAY IN FIELD.
- 18, SE SE NE. Pricefields Oil, Inc. #1 William Dauby. Spd. 8-2-77.
Comp. 8-11-77. TD 4395'. D&A. Ullin, top 4286'. Enfield.

5S, 14W

- 4, 800'SL, 990'WL, NE. The Superior Oil Co. #30 E. S. Greathouse.
Spd. 4-21-77. Comp. 9-25-77. TD 6600'. IP 92 BOP/163 BW.
Ullin, top 4019', mca and frac. New Harmony Consol.

6S, 10E

- 24, 380'NL, 330'WL, SW NE. Rhea Fletcher Trust #1 - #1 Flora Karch.
Spd. 10-9-76. Comp. 3-26-77. TD 4908'. IP 25 BOP/225 BW.
Cypress, top 2561', frac. Maunie South.
- 28, C SW SW. Dixel Resources Inc. #1 Dena F. Hines. Spd. 5-10-77.
Comp. 8-17-77. TD 4915'. IP 18 BOP. Warsaw, top 3884', acid
and frac. Concord Consol.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH OCTOBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CHRISTIAN COUNTY

13-15N-3W, NE NW SW. McKinney & Funderburk #2 Allen. 1761'. 9-29-77.
Roby East.

CLAY COUNTY

15-2N-7E, SE NW NE. Booth Oil Co. #1-A Bayler. 3020'. 9-8-77. Clay City Consol.
8-2N-8E, SW SW NE. Booth Oil Co. #1 Land Bank. 3671'. 9-13-77. Clay City Consol.
26-3N-6E, NE SE NW. Merle E. Mearns #1 H. A. Rainsford. 3049'. 10-1-77. Sailor Springs Consol.
14-4N-7E, 330'NL, 330'WL, NE SE. Hanson Oil Co., Inc. #1 Odell Comm. 2620'. 9-29-77. Sailor Springs Consol.

CLINTON COUNTY

6-3N-2W, SW NE SE. Imming and Imming #1 Imming. 1142'. 9-15-77. Beaver Creek South.

FRANKLIN COUNTY

26-6S-4E, SE NE SW. C. E. Brehm Drlg. & Prod. #5 U. S. Steel. 3120'. 10-4-77. Akin.
26-6S-4E, NE NE SW. C. E. Brehm Drlg. & Prod. #9 U. S. Steel. 3153'. 10-6-77. Akin.

GALLATIN COUNTY

36-8S-9E, NE SE NW. William J. Osborne #1 Maloney. 2178'. 10-18-77. Inman West Consol.

HAMILTON COUNTY

22-6S-5E, NW SE SW. Fletcher F. Farrar #1 Uriah Foster, formerly Carter Oil Co. 3215'. 9-27-77. (Water input, formerly a producer.) Dale Consol.
22-6S-5E, SE NW SW. Carter Oil Co. #2 Uriah Foster. 3235'. 9-24-77. Dale Consol.
22-6S-5E, SW NW SW. Fletcher F. Farrar #3 Uriah Foster, formerly Carter Oil Co. 3400'. 9-16-77. Dale Consol.
22-6S-5E, NE SW SW. Stewart Oil Co. #1 Uriah Foster. 3212'. 9-21-77. Dale Consol.
22-6S-5E, NW SW SW. Fletcher F. Farrar #4 Uriah Foster, formerly Stewart Oil Co. #3. 3312'. 9-14-77. Dale Consol.

JASPER COUNTY

26-7N-10E, NW NW NW. Bangert Casing Pulling Corp. #1 Michl, formerly T. M. Pruett. 2693'. 10-11-77. Clay City Consol.

MACON COUNTY

36-16N-1E, 400'SL, 330'EL, SW NE. W. A. Corley #1 Chester R. & Allie R. Hill. 2201'. 9-27-77. Harristown South.

MARION COUNTY

- 10-1N-2E, SW NE NW. Edgar M. Seibel #1 Emma Seibel. 2127'. 9-20-77. Salem Consol.
- 10-1N-2E, NW NE NW. Edgar M. Seibel #2 Emma Seibel. 2181'. 9-15-77. Salem Consol.
- 10-1N-2E, SE NE NW. Edgar Seibel #3 Emma Seibel. 2156'. 9-22-77. (Salt water disposal, formerly a producer.) Salem Consol.

RICHLAND COUNTY

- 25-3N-8E, 330'NL, 330'EL, SE. Booth Oil Co., Inc. #2-A Klingensmith. 3700'. 9-2-77. Clay City Consol.
- 5-4N-10E, NE SE SE. John M. Zanetis #1 Kuenstler-Wilson Comm. 3003'. 10-6-77. Clay City Consol.

SANGAMON COUNTY

- 31-15N-3W, NE SW NE. Louis H. Kapp, Jr. #1 Munson. 1762'. 9-26-77. Berry.

WAYNE COUNTY

- 23-1S-8E, SW NE SW. Fred Bertram #1 Smith. 3114'. 9-14-77. Clay City Consol.
- 27-1S-8E, NE SW NW. Nation Oil Co. #3-A A. J. Robertson. 3112'. 9-20-77. Clay City Consol.
- 13-2S-9E, NW SW SE. Paco Petroleum Corp. #1 E. Michels. 3403'. 9-27-77. Goldengate Consol.

WHITE COUNTY

- 21-3S-9E, 360'SL, 330'WL, NW SE. Blackhawk Resources Corp. #56-21 Granger-Hawker Farms, formerly Nation Oil Co. #1 Granger. 5485'. 9-23-77. Goldengate Consol.
- 5-5S-10E, SE NE NW. Noah Petroleum Co. #1 Delbert Newell. 3155'. 9-20-77. Sumpter East.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois--1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structural Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Cir. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Cir. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Cir. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).

Selected List of Available Oil and Gas Publications
(March 1, 1977).

THE HISTORY OF THE
CITY OF BOSTON

FROM THE FIRST SETTLEMENT
TO THE PRESENT TIME

| | |
|-------------------------------------|-----|
| THE FIRST SETTLEMENT | 1 |
| THE FOUNDING OF THE CITY | 2 |
| THE GROWTH OF THE CITY | 3 |
| THE CITY IN THE SEVENTEENTH CENTURY | 4 |
| THE CITY IN THE EIGHTEENTH CENTURY | 5 |
| THE CITY IN THE NINETEENTH CENTURY | 6 |
| THE CITY IN THE TWENTIETH CENTURY | 7 |
| THE CITY IN THE PRESENT TIME | 8 |
| THE CITY IN THE FUTURE | 9 |
| THE CITY IN THE PAST | 10 |
| THE CITY IN THE PRESENT | 11 |
| THE CITY IN THE FUTURE | 12 |
| THE CITY IN THE PAST | 13 |
| THE CITY IN THE PRESENT | 14 |
| THE CITY IN THE FUTURE | 15 |
| THE CITY IN THE PAST | 16 |
| THE CITY IN THE PRESENT | 17 |
| THE CITY IN THE FUTURE | 18 |
| THE CITY IN THE PAST | 19 |
| THE CITY IN THE PRESENT | 20 |
| THE CITY IN THE FUTURE | 21 |
| THE CITY IN THE PAST | 22 |
| THE CITY IN THE PRESENT | 23 |
| THE CITY IN THE FUTURE | 24 |
| THE CITY IN THE PAST | 25 |
| THE CITY IN THE PRESENT | 26 |
| THE CITY IN THE FUTURE | 27 |
| THE CITY IN THE PAST | 28 |
| THE CITY IN THE PRESENT | 29 |
| THE CITY IN THE FUTURE | 30 |
| THE CITY IN THE PAST | 31 |
| THE CITY IN THE PRESENT | 32 |
| THE CITY IN THE FUTURE | 33 |
| THE CITY IN THE PAST | 34 |
| THE CITY IN THE PRESENT | 35 |
| THE CITY IN THE FUTURE | 36 |
| THE CITY IN THE PAST | 37 |
| THE CITY IN THE PRESENT | 38 |
| THE CITY IN THE FUTURE | 39 |
| THE CITY IN THE PAST | 40 |
| THE CITY IN THE PRESENT | 41 |
| THE CITY IN THE FUTURE | 42 |
| THE CITY IN THE PAST | 43 |
| THE CITY IN THE PRESENT | 44 |
| THE CITY IN THE FUTURE | 45 |
| THE CITY IN THE PAST | 46 |
| THE CITY IN THE PRESENT | 47 |
| THE CITY IN THE FUTURE | 48 |
| THE CITY IN THE PAST | 49 |
| THE CITY IN THE PRESENT | 50 |
| THE CITY IN THE FUTURE | 51 |
| THE CITY IN THE PAST | 52 |
| THE CITY IN THE PRESENT | 53 |
| THE CITY IN THE FUTURE | 54 |
| THE CITY IN THE PAST | 55 |
| THE CITY IN THE PRESENT | 56 |
| THE CITY IN THE FUTURE | 57 |
| THE CITY IN THE PAST | 58 |
| THE CITY IN THE PRESENT | 59 |
| THE CITY IN THE FUTURE | 60 |
| THE CITY IN THE PAST | 61 |
| THE CITY IN THE PRESENT | 62 |
| THE CITY IN THE FUTURE | 63 |
| THE CITY IN THE PAST | 64 |
| THE CITY IN THE PRESENT | 65 |
| THE CITY IN THE FUTURE | 66 |
| THE CITY IN THE PAST | 67 |
| THE CITY IN THE PRESENT | 68 |
| THE CITY IN THE FUTURE | 69 |
| THE CITY IN THE PAST | 70 |
| THE CITY IN THE PRESENT | 71 |
| THE CITY IN THE FUTURE | 72 |
| THE CITY IN THE PAST | 73 |
| THE CITY IN THE PRESENT | 74 |
| THE CITY IN THE FUTURE | 75 |
| THE CITY IN THE PAST | 76 |
| THE CITY IN THE PRESENT | 77 |
| THE CITY IN THE FUTURE | 78 |
| THE CITY IN THE PAST | 79 |
| THE CITY IN THE PRESENT | 80 |
| THE CITY IN THE FUTURE | 81 |
| THE CITY IN THE PAST | 82 |
| THE CITY IN THE PRESENT | 83 |
| THE CITY IN THE FUTURE | 84 |
| THE CITY IN THE PAST | 85 |
| THE CITY IN THE PRESENT | 86 |
| THE CITY IN THE FUTURE | 87 |
| THE CITY IN THE PAST | 88 |
| THE CITY IN THE PRESENT | 89 |
| THE CITY IN THE FUTURE | 90 |
| THE CITY IN THE PAST | 91 |
| THE CITY IN THE PRESENT | 92 |
| THE CITY IN THE FUTURE | 93 |
| THE CITY IN THE PAST | 94 |
| THE CITY IN THE PRESENT | 95 |
| THE CITY IN THE FUTURE | 96 |
| THE CITY IN THE PAST | 97 |
| THE CITY IN THE PRESENT | 98 |
| THE CITY IN THE FUTURE | 99 |
| THE CITY IN THE PAST | 100 |

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
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MONTHLY REPORT

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

UNITED STATES DEPARTMENT OF AGRICULTURE

Technical Bulletin No. 100

1914

THE
CULTURE OF THE
SILK MOOTH

BY

W. B. BAKER

ASSISTANT
SILK CULTURE
BUREAU

WASHINGTON, D. C.

1914

UNITED STATES DEPARTMENT OF AGRICULTURE

TECHNICAL BULLETIN NO. 100

1914

DISCOVERIES

New Fields

HOLLIDAY. Fayette County, 22-9N-3E, Devonian at 3145'. Discovery well,
Louis H. Kapp, Jr. #1 Goldie Wills, IP 20 BOP.

ILLIOPOLIS. Sangamon County, 26-16N-2W, Silurian at 1762'. Discovery well,
Homeier Oil Enterprises #1-A Howard Smith, IP 40 BOP, 50 BW.

New Pays in Fields

ROCHESTER. Wabash County, 22-2S-13W, Salem at 3178'. Discovery well,
Hocking Oil Co., Inc. #1 Riley Heirs, IP 30 BOP.

Extensions to Fields

POSEY WEST. Clinton County, 12-1N-3W, Devonian at 2574'. Discovery well,
John F. Dunnill #1 Aileen Jobe, IP 5 BOP.

TABLE I

New Pools Discovered from December 1976 through November 1977

| Pool: | County | Twp. | Rng. | Pool: | County | Twp. | Rng. |
|----------------------|--------|------|------|-------------------|--------|------|------|
| <u>December 1976</u> | | | | <u>July</u> | | | |
| None | | | | None | | | |
| <u>January 1977</u> | | | | <u>August</u> | | | |
| None | | | | None | | | |
| <u>February</u> | | | | <u>September</u> | | | |
| None | | | | Cooperstown (gas) | | | |
| | | | | Brown County | | 1S | 2W |
| <u>March</u> | | | | <u>October</u> | | | |
| None | | | | None | | | |
| <u>April</u> | | | | <u>November</u> | | | |
| None | | | | Holliday | | | |
| <u>May</u> | | | | Fayette County | | 9N | 3E |
| None | | | | Illioapolis | | | |
| | | | | Sangamon County | | 16N | 2W |
| <u>June</u> | | | | | | | |
| None | | | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| | Producing Oil Wells (Gas in Parentheses) | | | | | New Dry Holes | | | Production in | |
|-------------|--|-------------------|------|---------------------|--------------------|---------------|--------------|-------------|-----------------|----------------------|
| | Field Wells | Discoveries Field | Ext. | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat Near | Wildcat Far | Total New Tests | Thousands of Barrels |
| <u>1976</u> | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| <u>1977</u> | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May | 59(1) | 0 | 0 | 54(1) | 5 | 21 | 10 | 0 | 86 | 2,274 |
| June | 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,214 |
| July | 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 | 2,180 |
| Aug. | 30(3) | 0 | 1(1) | 29(4) | 2 | 22 | 3 | 2 | 60 | 2,238 |
| Sept. | 68 | 0(1) | 1(1) | 64(1) | 5(1) | 30 | 6 | 2 | 103 | 2,190 |
| Oct. | 53 | 0 | 2 | 46 | 9 | 36 | 9 | 5 | 96 | 2,170 |
| Nov. | 61(2) | 2 | 1 | 61(2) | 3 | 28 | 12 | 5 | 108 | 2,100 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through September 1977 are from reports received directly from crude gathering companies. The figures for October and November 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, November 1977

| County | Permits to Drill ^o | Total Comp. | Production Tests | | | Service Wells | | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|--------------------|-----|----------------------------|---------------|--------|---------------|---|-------------------------|
| | | | New Holes Prod. | D&A | OWWO D&A to Prod. | Conversions | | Were Prod. | | |
| | | | | | | New | Others | | | |
| Bond | 2 | 5 | 5 | - | - | - | - | - | - | |
| Brown | - | 1 | - | 1 | - | - | - | - | - | |
| Christian | 11 | 1 | - | - | - | - | 1 | - | - | |
| Clark | 4 | 1 | - | 1 | - | - | - | - | - | |
| Clay | 6 | 9 | 4 | 3 | 1 | - | - | 1 | - | |
| Clinton | 1 | 2 | 2 | - | - | - | - | - | - | |
| Coles | 2 | 2 | 1 | 1 | - | - | - | - | - | |
| Crawford | 12 | 24 | 17* | 4 | 1 | 2 | - | - | - | |
| De Witt | 1 | - | - | - | - | - | - | - | - | |
| Edgar | 3 | 2 | 2* | - | - | - | - | - | - | |
| Edwards | 5 | 7 | 3 | 4 | - | - | - | - | - | |
| Effingham | 4 | 1 | - | 1 | - | - | - | - | - | |
| Fayette | 2 | 1 | 1 | - | - | - | - | - | - | |
| Franklin | 5 | - | - | - | - | - | - | - | - | |
| Gallatin | 6 | 4 | - | 3 | - | - | 1 | - | - | |
| Hamilton | 3 | 2 | - | 2 | - | - | - | - | - | |
| Jasper | 4 | 1 | - | 1 | - | - | - | - | - | |
| Jefferson | 6 | 1 | - | 1 | - | - | - | - | - | |
| Lawrence | 5 | 6 | 2 | 3 | - | 1 | - | - | - | |
| McLean | - | 1 | - | 1 | - | - | - | - | - | |
| Macon | 1 | - | - | - | - | - | - | - | - | |
| Marion | 5 | 3 | - | 2 | - | - | 1 | - | - | |
| Montgomery | - | 2 | - | 2 | - | - | - | - | - | |
| Pope | - | 1 | - | 1 | - | - | - | - | - | |
| Randolph | - | 3 | 3 | - | - | - | - | - | - | |
| Richland | 2 | - | - | - | - | - | - | - | - | |
| Sangamon | - | 5 | 4 | 1 | - | - | - | - | - | |
| Wabash | 15 | 3 | 1 | - | 1 | 1 | - | - | - | |
| Washington | 1 | 2 | 1 | 1 | - | - | - | - | - | |
| Wayne | 24 | 22 | 14 | 7 | - | 1 | - | - | - | |
| White | 20 | 6 | 3 | 3 | - | - | - | - | - | |
| Williamson | - | 2 | - | 2 | - | - | - | - | - | |
| | 150 | 120 | 63 | 45 | 3 | 5 | 3 | 1 | - | |

*Includes 1 gas well.

^oIssued by Department of Mines and Minerals, Springfield, Illinois, October 27, 1977 through November 30, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, November 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|-----------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Champaign | <u>1</u> | <u>3</u> | <u>3</u> | = | = | = |
| | 1 | 3 | 3 | - | - | - |

*Issued by Department of Mines and Minerals, Springfield, Illinois October 27, 1977 through November 30, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

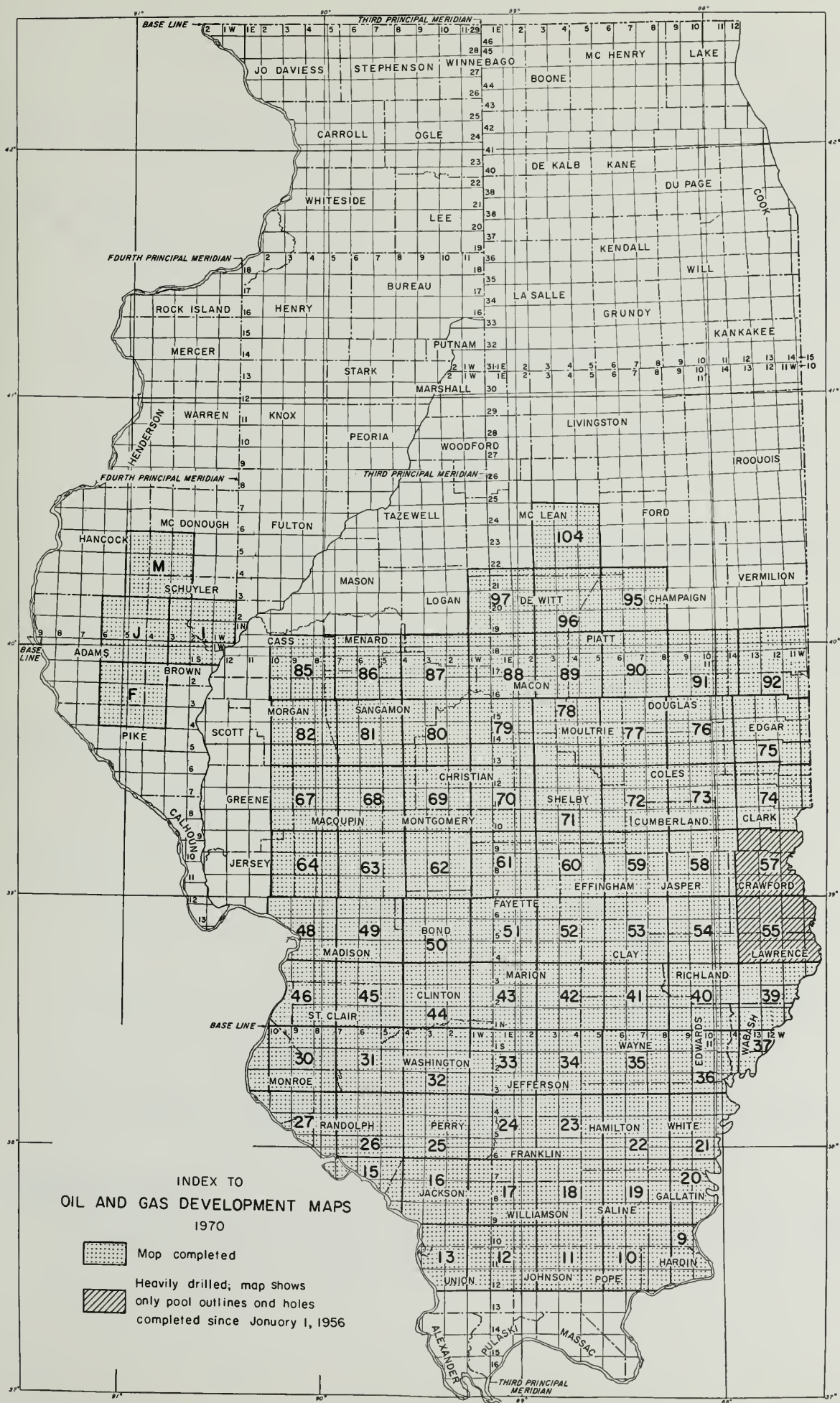
OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.



It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.
410 East University Avenue
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company
Box 436
Mattoon, IL 61938 (phone 217-235-0311)



INDEX TO
OIL AND GAS DEVELOPMENT MAPS
1970

-  Map completed
-  Heavily drilled; map shows only pool outlines and holes completed since January 1, 1956

WELLS COMPLETED FROM OCTOBER 29, 1977 TO NOVEMBER 25, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

5N, 4W

- 15, 424'NL, 310'EL, SE SW. Sam Parker Oil Co. #6 Donk Bros. Coal & Coke. Spd. 8-11-77. Comp. 10-4-77. TD 619'. IP 3 BOP/1 BW. Pennsylvanian, top 613', frac. Old Ripley.
- 15, SW NW SE. Sam Parker Oil Co. #1 Wayne Skinner. Spd. 9-26-77. Comp. 10-23-77. TD 630'. IP 1 BOP/3 BW. Pennsylvanian, top 614', frac. Old Ripley.
- 21, 185'NL, 89'EL, SE NE NE. Sam Parker Oil Co. #8 Parker. Spd. 8-5-77. Comp. 9-28-77. TD 654'. IP 3 BOP/2 BW. Pennsylvanian, top 646', frac. Old Ripley.
- 22, 626'SL, 330'WL, NW NW. Sam Parker Oil Co. #6 Sam Parker. Spd. 6-28-77. Comp. 9-28-77. TD 635'. IP 3 BOP/1 BW. Pennsylvanian, top 620', frac. Old Ripley.

6N, 2W

- 16, 500'SL, 330'EL, NE. Shakespeare Oil Co., Inc. #2 L. Foppe. Spd. 9-6-77. Comp. 11-1-77. TD 3207'. IP 27 BOP/trace of water. Trenton, top 3180', acid. Woburn Consol.

BROWN COUNTY

1S, 4W

- 33, 430'SL, 330'EL, SW. Earnest Wright #2W Davis. Spd. 4-10-77. Comp. 6-13-77. TD 705'. D&A. Silurian, top 675'. Buckhorn.

CHAMPAIGN COUNTY

21N, 7E

- 8, 50'SL, 50'WL, NE SW. Peoples Gas Light & Coke Co. #3 V. Wilkin. Spd. 7-26-77. Comp. 8-20-77. TD 4210'. Gas injection/withdrawal. Mt. Simon, top 3964'. Manlove Gas Storage.
- 8, 50'NL, 50'EL, SW NW. Peoples Gas Light & Coke Co. #4 V. Wilkin. Spd. 9-24-77. Comp. 10-28-77. TD 4215'. Gas injection/withdrawal. Mt. Simon, top 3950'. Manlove Gas Storage.
- 27, 71'SL, 181'EL, NW. Peoples Gas Light & Coke Co. #6 F. Hazen. Spd. 5-26-77. Comp. 6-21-77. TD 4306'. Gas injection/withdrawal. Mt. Simon, top 4040'. Manlove Gas Storage.

CHRISTIAN COUNTY

12N, 1E

- 34, 330'SL, 380'WL, NE SE. Collins Brothers Oil Co. #3 Mary Hatcher. Conversion. Was Benoist producer. Comp. 5-13-77. COTD 1502'. Water input. Benoist, top 1455'. Pana.

CLARK COUNTY

11N, 11W

- 34, C N/2 NE NE. Reynolds & Vincent, Inc. #1 Albert Wernz et al. Comm. Spd. 9-19-77. Comp. 9-22-77. TD 1504'. D&A. Salem, top 1370'. WF.

CLAY COUNTY

2N, 7E

- 11, SW SE NW. Franklin Oil Co., Inc. #1 T. Mix. Abd. loc. Clay City Consol.
- 15, 430'SL, 365'EL, SE. David F. Herley #1 James Buffington. Spd. 6-15-77. Comp. 8-29-77. TD 3615'. IP 37 BOP. Aux Vases, top 2958', acid. Clay City Consol.

3N, 5E

- 1, C NW NE. Shelby A. & Sylvia Britton #1 Dean Sutton. OWWO. Was H.A.V.E. Oil Co. #1 Dean Sutton. Was D&A. OTD 6048'. Comp. 2-20-75. Recom. 10-19-77. COTD 2889'. D&A. McClosky, top 2880' (approx.). WN - Oskaloosa.
- 17, 360'SL, 345'WL, NE NW. Van Fossan Associates #1 Wyman et al. Comm. OWWO. OWDD. Was E. A. Obering #1 Wyman Comm. Was D&A. OTD 2849'. Comp. 2-2-54. Recom. 11-13-77. DTD 4420'. D&A. Devonian, top 4320' (approx.). Oskaloosa South.

4N, 6E

- 20, SE NE NE. McKinney Oil Producer, Inc. #1 Kincaid. Spd. 10-1-77. Comp. 11-7-77. TD 2881'. IP 14 BOP/O BW. McClosky, top 2867', acid. Louisville.

4N, 7E

- 35, 425'SL, 330'WL, SE. Woodrow Franklin #2 R. Franklin. Spd. 12-1-74 (est.). Comp. 6-9-77. TD 2986'. D&A. McClosky, top 2956' (approx.). Sailor Springs Consol.
- 35, SE SW SE. Woodrow Franklin #3 R. Franklin. Spd. 11-15-75 (est.). Comp. 6-6-77. TD 3525'. D&A. Salem, top 3370' (approx.). Sailor Springs Consol.
- 35, NW SE SE. Franklin Oil Co., Inc. #1 Franklin Hrs. Abd. loc. Sailor Springs Consol.
- 36, 330'NL, 380'WL, SW SE. Woodrow Franklin #2-B R. Franklin. Spd. 6-10-76. Comp. 10-25-77. TD 3542'. D&A. Salem, top 3330'. Sailor Springs Consol.

5N, 6E

- 1, NW NE NE. Black and Black Oil Co. #1-A Heitman Heirs. Spd. 4-15-77. Comp. 11-4-77. TD 2893'. IP 8 BOP/15 BW. Aux Vases, top 2725', frac. Sailor Springs Consol.

CLAY COUNTY (continued)

5N, 7E

4, C N/2 N/2 SE. Texaco, Inc. #6 North Bible Grove Unit Tract 10. Spd. 9-25-77. Comp. 10-21-77. TD 2526'. IP 1.5 BOP/258 BW. Cypress, top 2502', nat. Sailor Springs Consol.

Irr. 14, 330'NL, 330'WL, SE SW. Shelby A. & Sylvia Britton #1 Butler. Conversion. Was McCollum & Kincaid #1 W. O. Butler. Was plugged Aux Vases producer. OTD 2970'. OWWO. OWDD by W. O. Butler & Shelby A. Britton. DTD 3010'. Was temp. abd. Comp. 10-72. Recomp. 7-7-74. COTD 3010'. SWD. McClosky, top 2968'. Sailor Springs Consol.

22, SE SW SE. Don W. Newton #3 Vickery. OWWO. Was Floyd Johnson. Was D&A. OTD 3085'. Comp. 6-16-59. Recomp. 8-1-77. COTD 3085'. IP 8 BOP/30 BW. McClosky, top 2923', mca. Sailor Springs Consol.

CLINTON COUNTY

1N, 1W

23, NE SE SW. Leonard Fields #1-A Aster Fields Comm. Spd. 4-4-77. Comp. 10-25-77. TD 1496'. IP 1 BOP. Cypress, top 1301', frac. Wamac West.

1N, 3W

12, SE SW NW. John F. Dunnill #1 Aileen Jobe. Spd. 8-18-77. Comp. 11-8-77. TD 2616'. IP 5 BOP. Devonian, top 2574', mca and acid. EXTENSION TO POSEY WEST FIELD.

COLES COUNTY

11N, 7E

3, C S/2 NE NE. James R. Covington #1-S Watson-I.C.G.R.R. Comm. Spd. 8-19-77. Comp. 10-25-77. TD 2250'. IP 10 BOP. Salem, top 2208', mca. Mattoon.

13N, 9E

35, SE SE NW. R. Michael Harris, Inc. #1 E. Corley. Spd. 10-21-77. Comp. 10-26-77. TD 1824'. D&A. Devonian, top 1598'. WF.

CRAWFORD COUNTY

5N, 12W

Irr. 4, 990'NL, 330'WL, W/2 SW. Louis H. Kapp, Jr. #1 Charles Siler. Spd. 9-27-77. Comp. 11-4-77. TD 1948'. IP 10 BOP. Robinson, top 860', frac. Main Consol.

9, NE NW SW. Fair-Rite Products Corp. #2 Fair-Rite. Spd. 8-1-77. Comp. 11-1-77. TD 1280'. SIGW. Pennsylvanian, top 1198'. Main Consol.

5N, 13W

2, 380'NL, 330'EL, SE. Energy Resources of Indiana, Inc. #1A Richart Heirs. Spd. 2-15-77. Comp. 11-1-77. TD 1325'. IP 12 BOP. Bethel, top 1255', frac. Main Consol.

CRAWFORD COUNTY (continued)

5N, 13W

- 12, NW NE NW. Energy Resources of Indiana, Inc. #1 L. G. Hoke et al.
Spd. 7-23-77. Comp. 11-8-77. TD 1560'. IP 50 BOP/2 BW. Robinson,
top 860', frac. Main Consol.

6N, 12W

- 31, 330'SL, 360'WL, SE NW. Duke Resources Corp. #1 Robert McCarter.
Spd. 6-2-77. Comp. 11-8-77. TD 4343'. IP 14 BOP. Trenton, top
4020', acid and frac. Main Consol.

6N, 13W

- 25, 330'SL, 430'EL, SE. Used Oil Field Equipment #T1 John S. & Leona
M. Adams. Spd. 4-8-77. Comp. 11-8-77. TD 4160'. D&A. Trenton,
top 4010'. Main Consol.
- 34, 343'NL, 330'EL, SW SE. E. L. Whitmer, Inc. #1 Sloan. Spd. 7-26-77.
Comp. 11-8-77. TD 1073'. IP 10 BOP/10 BW. Robinson, top 953',
frac. Main Consol.
- 35, 570'SL, 330'EL, SW NW. Energy Resources of Indiana, Inc. #T-1
Baldwin II. Spd. 7-1-77. Comp. 11-8-77. TD 2066'. IP 21 BOP.
Robinson, top 837', mca and frac. Main Consol.
- 35, NE SE SW. Energy Resources of Indiana, Inc. #T-1 Marshall Hrs.
Spd. 7-4-77. Comp. 11-8-77. TD 4125'. IP 5 BOP/10 BW. Trenton,
top 3935', mca. Main Consol.
- 35, SE NE SE. Lamar Properties #2-A A. J. Shipman. Spd. 6-30-77.
Comp. 9-10-77. TD 1527'. D&A. St. Louis, top 1446'. Main Consol.
- 35, 500'NL, 500'EL, NW SE. Lamar Properties #3-A A. J. Shipman. Spd.
7-6-77. Comp. 11-1-77. TD 4010'. IP 50 BOP. Trenton, top 3904',
frac. Main Consol.
- 36, C SW SW. Marathon Oil Co. #1 E. G. Shipman et al. Spd. 9-28-77.
Comp. 10-30-77. TD 4040'. IP 56 BOP/0 BW. Trenton, top 3930'.
Main Consol.

7N, 12W

- 5, SE SE SE. Mason Oil Co. #1 Floyd R. & Norma I. Osborn. Spd.
3-10-77. Comp. 11-1-77. TD 1100'. IP 8 BOP. Robinson, top
1041', frac. Main Consol.
- 10, 330'SL, 331'WL, SE NW. Mason Oil Co. #12 Floyd R. & Norma I. Osborn.
Spd. 7-17-77. Comp. 11-1-77. TD 1103'. IP 10 BOP (est.).
Robinson, top 992'. Main Consol.
- 10, NW SW NW. Mason Oil Co. #13 Floyd R. & Norma I. Osborn. Spd.
5-3-77. Comp. 5-15-77. TD 1100'. IP 8 BOP/50 BW. Robinson,
top 1036', frac. Main Consol.

CRAWFORD COUNTY (continued)

7N, 12W

Irr. 20, 990'SL, 660'WL, SW. Energy Resources Corp. #3-L Tom McComb.
Spd. 8-2-77. Comp. 8-17-77. TD 4250'. D&A. Trenton, top 4088'.
Main Consol.

30, 1055'NL, 350'EL, NW. Jack J. Grynberg #2-B Cortelyou. OWWO. OWDD.
Was Logan Oil Co. #1 C. H. Cortelyou. Was D&A. OTD 1864'. Comp.
9-1-67. Recomp. 9-27-77. DTD 3000'. IP 11 BOP/84 BW.
Devonian, top 2776'. Main Consol.

7N, 13W

10, C E/2 SE SW. C.E.R. Production Co. #2 C. Stantz. Abd. loc. Main
Consol.

21, 386'SL, 595'WL, SE NE. Marathon Oil Co. MM-501 Francis Wood. Spd.
9-27-74. Comp. 10-2-74. TD 1020'. Observation well. Robinson
sand, top 980'. Main Consol.

21, 386'SL, 585'WL, SE NE. Marathon Oil Co. MM-502 Francis Wood. Spd.
10-3-74. Comp. 10-11-74. TD 1020'. Observation well. Robinson,
top 980'. Main Consol.

21, 50'SL, 950'EL, NE. Marathon Oil Co. MM-601 Francis Wood. Spd.
7-5-74. Comp. 7-15-74 (est.). TD 1017'. IP not available.
Robinson, top 980'. Main Consol.

21, 40'SL, 943'EL, NE. Marathon Oil Co. MM-602-A Francis Wood. Spd.
7-12-74. Comp. 11-11-74. TD 1017'. IP not available. Robinson,
top 982'. Main Consol.

8N, 12W

8, SW SE NW. Robert W. Randall #4 Lindley. Spd. 1-2-77. Comp.
10-25-77. TD 1006'. Oil producer, IP not available. Robinson,
top 960'. Main Consol.

32, NE SW SE. David Jones Oil Producer #1 Williamson-Garrard Comm.
Spd. 4-18-77. Comp. 10-10-77. TD 1075'. IP 20 BOP/50 BW.
Pennsylvanian, top 1029', frac. Main Consol.

8N, 13W

19, SW NW SE. Scates Exploration Co., Inc. #1 G. Roland Gwinn. Spd.
11-18-76. Comp. 11-25-76. TD 2832'. D&A. Devonian, top 2664'.
New Bellair.

EDGAR COUNTY

12N, 13W

5, NE SE SW. Earnest Zink #4 Pinnell. Spd. 9-20-77. Comp. 10-5-77.
TD 500'. IP 300 MCFG. Pennsylvanian, top 470'. Grandview.

13N, 13W

10, C NW NE. Estate of Walter Henigman #5 Brinkerhoff "C". Spd.
5-20-77. Comp. 6-21-77. TD 438'. IP 3 BOP/0 BW. Pennsylvanian,
top 405', shot. Dudley.

EDWARDS COUNTY

1N, 10E

22, C N/2 SE NW. Spartan Petroleum Co. #1 C. C. Hoeszle. Spd. 10-7-77.
Comp. 10-16-77. TD 3337'. D&A. Ste. Genevieve, top 3240'
(approx.). WN - Samsville West.

22, SE NW SE. Spartan Petroleum Co. #1 Weber Heirs. Spd. 7-1-77.
Comp. 10-18-77. TD 4150'. IP 35 BOP/20 BW. Salem, top 3868',
acid. Samsville West.

1N, 14W

33, SW NW SE. F. E. Frassato #1 Mewes. Spd. 5-1-76. Comp. 5-22-76.
TD 3640'. D&A (est.). Salem, top 3375' (approx.). Bone Gap East.

1S, 10E

15, 540'NL, 330'WL, SE NE. Edward J. Saxe #2 Lyle Thread. Spd. 8-7-77.
Comp. 8-18-77. TD 4240'. D&A. Ullin, top 4070'. Bone Gap Consol.

35, SE SE NE. Thunderbird Service & Supply Co., Inc. #1 Sylvan Stinnett.
Spd. 8-19-77. Comp. 11-8-77. TD 4218'. Temp. abd. Osage, top
4172'. WN - Albion Consol.

1S, 14W

3, NW NW SW. Louis A. Pessina #1-A Harriet Seacat. Spd. 9-2-77.
Comp. 10-25-77. TD 3600'. IP 8 BOP/trace of water. Ohara, top
2964', acid; Salem, top 3560', acid. Bone Gap East.

2S, 10E

31, 660'NL, 60'EL, SE NW. Robinson Production, Inc. #1 Snowdall. Spd.
6-12-70 (est.). Comp. 11-4-77. TD 3365'. IP 21 BOP/98 BW.
Aux Vases, top 3184', frac. Goldengate Consol.

3S, 11E

Irr. 18, 330'SL, 990'WL, NE SW. R. A. Harris #A-3 Linzey Steele.
OWWO. OWDD. Was D&A. OTD 2435'. Comp. 9-18-73. Recomp.
10-19-77. DDTD 3176'. D&A. McClosky, top 3156'. Phillips-
town Consol.

EFFINGHAM COUNTY

9N, 4E

30, SW NE NE. John Carey Oil Co., Inc. #1 Peter Grujanac. Spd.
6-13-77. Comp. 6-21-77. TD 3168'. D&A. Devonian, top 3130'
(approx.). WN - Loudon.

31, SE NE NW. Tri-Star Producing, Inc. #1 Clow. Abd. loc. Loudon.

FAYETTE COUNTY

7N, 3E

29, NW NW NW. Exxon Corp. #1 Lewis Ripley. OWWO. OWDD. Was Carter
Oil Co. #1 L. Ripley. Was plugged Cypress producer. OTD 1572'.
Comp. 11-23-38. Recomp. 5-25-77. DTD 1605'. IP 3 BOP/40
BW. Cypress, top 1556'. Loudon.

8N, 3E

- 1, 365'NL, 365'WL, NE NW. Exxon Corp. #1 A. W. St. Pierre. OWDD. Was Cypress producer. OTD 1558'. Comp. 10-8-40. Recomp. 9-17-77. DTD 1672'. IP 18.1 BOP/161 BW. Cypress, top 1530'; Bethel, top not available; Benoist, top not available, frac. Loudon.

9N, 3E

- 22, NW SE SW. Louis H. Kapp, Jr. #1 Goldie Wills. Spd. 10-10-77. Comp. 11-12-77. TD 3237'. IP 20 BOP/0 BW. Devonian, top 3145', mca and frac. DISCOVERY OF HOLLIDAY FIELD.

FRANKLIN COUNTY

5S, 3E

- 11, NW NE NE. C. E. Brehm Drlg. & Prod. #1 Neal. Abd. loc. WN - Ewing East.
- 1, 940'SL, 380'EL, SW SW. C. E. Brehm Drlg. & Prod. #1 Pearce. Abd. loc. Ewing East.
- 1, NW SW NE. C. E. Brehm Drlg. & Prod. #1 Tucker. Abd. loc. WN - Ewing East.

5S, 4E

- 24, SW SW NW. C. E. Brehm Drlg. & Prod. #1 "A" Neal. Abd. loc. Macedonia.

GALLATIN COUNTY

7S, 9E

- 23, NE SE SE. Collins Brothers Oil Co. #1 Holland. Conversion. Was Tar Springs producer. Comp. 7-16-77. COTD 2430'. Water input. Tar Springs, top 2323'. Herald Consol.

7S, 10E

- Irr. 27, 330'SL, 740'EL, NE NW. C. E. Brehm Drlg. & Prod. #1 Martin Duffy. Spd. 9-17-77. Comp. 9-23-77. TD 2951'. D&A. St. Louis, top 2890' (approx.). Inman East Consol.

8S, 10E

- 17, NE SE SW. C. E. Brehm Drlg. & Prod. #3 Fuhrer. Spd. 8-24-77. Comp. 9-1-77. TD 3811'. D&A. Ullin, top 3560' (approx.). Inman East Consol.
- 17, NE NW SW. C. E. Brehm Drlg. & Prod. #A-1 Fuhrer. Spd. 9-9-77. Comp. 9-14-77. TD 2835'. D&A. Ste. Genevieve, top 2760' (approx.). Inman East Consol.

HAMILTON COUNTY

6S, 5E

- 3, SE SE NE. C. E. Brehm Drlg. & Prod. #1 Stover. Spd. 9-27-77. Comp. 10-5-77. TD 3650'. D&A. St. Louis, top 3505' (approx.). WN - Rural Hill North.

HAMILTON COUNTY (continued)

6S, 6E

- 24, 330'NL, 950'EL, NE. Wavell Burton #1 Reeves Comm. Spd. 6-16-75.
Comp. 7-15-75 (est.). TD 2500'. D&A. Tar Springs, top 2448'.
Dale Consol.

JASPER COUNTY

6N, 9E

- 4, 330'NL, 760'WL, NE. Elton M. Botts #1-A C. R. Hanna. Spd. 10-3-76.
Comp. 7-11-77. TD 3013'. D&A. Ste. Genevieve, top 2985'. WN -
Lis.

JEFFERSON COUNTY

1S, 1E

- 26, C SW NE. George Mitchell Drlg. Contractor #1 Paul Hart. Spd.
9-29-77. Comp. 10-10-77. TD 4028'. D&A. Devonian, top 3830'
(approx.). WN - Boyd.

1S, 3E

- 13, 350'NL, 350'EL, NW NE. E. Homer Jahn #3 Ira Shafer. Abd. loc.
Divide Consol.

LAWRENCE COUNTY

2N, 12W

- 11, C N/2 SW NE. La Har Oil Co. #12 R. G. Buchanan et al. Abd. loc.
Lawrence.

3N, 12W

- 16, C SE NW. Marathon Oil Co. #21 R. T. Gillespie A/C 1. Spd.
3-14-77. Comp. 8-20-77. TD 1455'. IP 6 BOP/387 BW. Buchanan,
top 1393', acid. Lawrence.

- 26, 20'SL, 300'WL, NE NE. Wayne Smith, Op., Inc. #W-2-R George Leighty.
Spd. 7-3-77. Comp. 7-8-77. TD 1338'. D&A. Tar Springs, top
1300' (approx.). Lawrence.

3N, 13W

- 14, 330'NL, 330'EL, NE. Reinhold Producers #3 M. Staats Comm. Spd.
10-30-76. Comp. 8-14-77. TD 2261'. IP 16 BOP/25 BW. Spar
Mountain, top 2201', frac.; McClosky, top 2221', frac.
Lawrence West.

4N, 12W

- 19, 660'NL, 610'WL, NE. Marathon Oil Co. #66 S. E. Hazel a/c 1. Spd.
8-11-75. Comp. 9-12-75. TD 3125'. Temp. abd. Devonian, top
2901'. Lawrence.

4N, 13W

- 2, 668'SL, 1'EL, SE. Wayne Smith, Op., Inc. #W-736 M. X. Piper. Spd.
10-7-75. Comp. 11-15-75. TD 1531'. Water input. Jackson, top
1338'; Cypress, top 1390'; Bethel, top 1502'. Lawrence.

5N, 11W

- 26, NW NW SW. W. A. Corley #1 Jack R. Hoalt. Spd. 8-28-77. Comp.
9-5-77. TD 3033'. D&A. Devonian, top 3004'. Main Consol.

MCLEAN COUNTY

22N, 4E

- 33, NW SW SE. Merle Kuehling #1 O'Neil. Spd. 9-10-77. Comp. 9-13-77.
TD 1182'. D&A. Silurian, top 1162'. WF.

MARION COUNTY

1N, 3E

- 30, NE NW SW. G.A.M. Oil Co. #1 Pitts. Spd. 6-15-76. Comp. 11-1-77.
TD 2946'. D&A. Salem, top 2700' (est.). WN - Kell North.

2N, 1E

- 21, NW SW NW. E. Homer Jahn #1 Spieser et al. Spd. 10-18-77. Comp.
10-26-77. TD 3355'. D&A. Devonian, top 3270' (approx.). WF.

4N, 1E

- 35, NW SE NW. Fred Seip #2 R. J. Stephens. Conversion. Was Gulf Oil
Corp. #2 R. J. Stephens. Was Cypress producer. Comp. 5-7-76.
COTD 1369'. Water input. Cypress, top 1323'. Patoka East.

MONTGOMERY COUNTY

8N, 5W

- 29, SW SE SW. Edward C. Koch #1K Niemann. Spd. 11-5-76. Comp. 11-1-77.
TD 1738'. D&A. Devonian, top 1738'. Mount Olive.

- 31, 2507'NL, 2310'EL, NE. Edward C. Koch #1K Mueller. Spd. 11-22-76.
Comp. 11-30-76. TD 777'. D&A. Pennsylvanian, top 770'. Mount
Olive.

POPE COUNTY

14S, 5E

- 9, SW SE SW. Milo Ditterline #1 Milo Ditterline. Spd. 8-29-77. Comp.
9-12-77. TD 1165'. D&A. St. Louis, top 1108'. WF.

RANDOLPH COUNTY

4S, 5W

- Irr. 6, 318'NL, 345'WL, SW SW. John W. Kelly #1 Boyd. Spd. 10-3-77.
Comp. 11-8-77. TD 2129'. IP 115 BOP/80 BW. Silurian, top 2079',
acid. Tilden North.

4S, 6W

- 12, NW NE NE. Elmer Oelze, Jr. #1 Hake. Spd. 6-14-77. Comp. 11-8-77.
TD 2145'. IP 15 BOP. Silurian, top 2142', acid. Tilden North.

- 12, 330'NL, 470'EL, NE NW. Elmer Oelze, Jr. #1-A Hoffman. Spd. 6-3-77.
Comp. 11-8-77. TD 2109'. IP 50 BOP. Silurian, top 2100', acid.
Tilden North.

SANGAMON COUNTY

15N, 3W

- Irr. 4, 990'SL, 330'WL, SE SW. Homeier Oil Associates #4 Ross. Spd.
6-16-76. Comp. 10-22-77. TD 1788'. D&A. Silurian, top 1696'.
Roby.

SANGAMON COUNTY

15N, 4W

34, 330'NL, 825'WL, SE. Homeier Oil Enterprises, Inc. #8 Carter. Spd. 10-27-75. Comp. 11-20-75. TD 1712'. IP 10 BOP/5 BW. Silurian, top 1670', acid. New City.

34, 330'NL, 510'WL, SE. Emil Krachik #9 Carter. Spd. 11-6-76. Comp. 11-16-76. TD 1680'. IP 1 BOP/0 BW. Silurian, top 1660', nat. New City.

16N, 2W

26, 710'SL, 330'WL, SE. Homeier Oil Enterprises #1-A Howard Smith. Spd. 11-7-74. Comp. 11-28-74 (est.). TD 1803'. IP 40 BOP/50 BW. Silurian, top 1762', acid. DISCOVERY OF ILLIOPOLIS FIELD.

26, NE NW SE. Homeier Oil Enterprises #3 Howard Smith. Spd. 5-1-75 (est.). Comp. 5-31-75 (est.). TD 1784'. IP 80 BOP/10 BW. Silurian, top 1742'. Illiopolis.

SCHUYLER COUNTY

2N, 2W

24, 330'SL, 709'EL, NE NW. Claude McElvain #1 Hood. OWWO. OWDD. Was Arthur M. Scoggin #1 Hood. Was D&A. OTD 428'. Comp. 8-19-76. Recomp. 10-2-77. DTD 762'. D&A. Silurian, top 710'. WN - Rushville.

WABASH COUNTY

1N, 12W

24, 30'SL, 150'EL, NW. Whiteside Oil Co. #1 Courter Unit WSW. Spd. 6-20-75. Comp. 6-25-75. TD 132'. Water supply well. Alluvium, top 83'. Allendale.

1S, 14W

34, 340'SL, 330'WL, SE NW. Rush Creek Oil Co., Inc. #1 John E. Raber. Spd. 8-24-77. Comp. 11-8-77. TD 2744'. IP 22 BOP. Cypress, top 2699', mca and acid. Browns.

2S, 13W

22, SW NW SE. Hocking Oil Co., Inc. #1 Riley Heirs et al. Unit. OWWO. OWDD. Was Columbus Exploration Co. #1 Healy, Riley, and Waddle Comm. Was D&A. OTD 1980'. Comp. 6-2-53. Recomp. 11-7-77. DTD 3375'. IP 30 BOP/0 BW. Salem, top 3178'. Rochester. NEW PAY IN FIELD.

WASHINGTON COUNTY

3S, 2W

12, 940'SL, 330'EL, SW SE. Elmer Oelze, Jr. #1 Hoffman. Spd. 9-9-77. Comp. 10-4-77. TD 1361'. IP 50 BOP/50 BW. Benoist, top 1355'. Dubois Consol.

3S, 3W

34, SW NE SW. Elmer Oelze, Jr. #1 Nelson Ibendahl. Spd. 10-20-77. Comp. 10-24-77. TD 1301'. D&A. Benoist, top 1280' (approx.). WN - Cordes.

WAYNE COUNTY1N, 7E

- 11, 555'SL, 655'EL, NW. Union Oil Co. of California #1 E. M. Barrett, S. E. Jordan School Unit. Conversion. Was Aux Vases producer converted to Aux Vases water input. Comp. 9-30-77. COTD 2997'. IP 10 BOP/240 BW. Aux Vases, top 2935'. Clay City Consol.

1N, 8E

- 23, 660'SL, 685'EL, NW NE. Union Oil Co. of California #B-2 J. O. Van Fossan. Spd. 8-31-77. Comp. 10-25-77. TD 3700'. IP 53 BOP/324 BW. Salem, top 3648', mca. Clay City Consol.
- 33, 330'SL, 40'WL, NE NE. Robinson Prod., Inc. #5-WI Rinkel. Spd. 8-9-77. Comp. 11-4-77. TD 3028'. Water input. Aux Vases, top 3002'. Clay City Consol.

2N, 7E

- 22, NE NE NE. John M. Zanetis #A-1 Henderson. Abd. loc. Clay City Consol.
- 23, NW NW NW. Hubert W. Rose #1 Henderson Comm. Spd. 7-22-77. Comp. 11-8-77. TD 3613'. IP 257 BOP/33 BW. Aux Vases, top 2956', mca and frac.; McClosky, top 3060', mca. Clay City Consol.
- 25, C N/2 NE SE. Santoro Oil Co., Inc. #1 M. Wells et al. Spd. 5-14-77. Comp. 10-18-77. TD 3747'. D&A. Ullin, top 3725' (approx.). Clay City Consol.

1S, 5E

- 19, NW SE NW. Farmers Petroleum Cooperative, Inc. #1 Garrison. Spd. 8-4-77. Comp. 10-13-77. TD 3565'. IP 38 BOP/30 BW. Salem, top 3486', acid. Coil.
- 27, NW SW SW. Collins Brothers Oil Co. #1 Elsie Smith "A". Spd. 3-9-77. Comp. 4-14-77. TD 3700'. IP 307 BOP/0 BW. Salem, top 3617', acid. Keenville.
- 28, 330'SL, 380'WL, SE NE. Lake Michigan Exploration Co. #2 McCord. Spd. 9-9-77. Comp. 11-1-77. TD 3742'. IP 75 BOP/50 BW. Salem, top 3669', mca. Keenville.
- 28, NE NE SE. Collins Brothers Oil Co. #1 Reed-Ellis-Smith-Keen Comm. Spd. 2-2-77. Comp. 4-4-77. TD 3759'. IP 72 BOP/140 BW. Salem, top 3650', acid. Keenville.
- 28, NE SE SE. Collins Brothers Oil Co. #1 Elsie Smith "B". Spd. 4-3-77. Comp. 4-26-77. TD 3841'. IP 160 BOP/trace of water. Salem, top 3635', acid. Keenville.
- 32, NE NE SE. Richard W. Beeson #1 J. M. Knauss. Spd. 10-18-77. Comp. 11-8-77. TD 3802'. D&A. Salem, top 3475'. WN - Keenville.

WAYNE COUNTY (continued)

1S, 5E

- 34, NE NW SW. Texaco, Inc. #7 J. Bowyer "A". Spd. 9-8-77. Comp. 9-17-77. TD 3882'. IP 28 BOP/460 BW. Aux Vases, top 2980', frac.; Salem, top 3488', acid. Keenville.
- 34, NW SE SW. Richard W. Beeson #1 Bozarth et al. Spd. 10-3-77. Comp. 11-8-77. TD 3953'. Temp. abd. Salem, top 3458'. Keenville.
- 36, NW NE SW. Crest Oil Co., Inc. #1 Lowell M. Johnson. Spd. 10-10-77. Comp. 10-20-77. TD 3788'. D&A. Ullin, top 3770' (approx.). Keenville East.

1S, 6E

- Irr. 1, 330'NL, 330'WL, NE SE. David Allison #1 Eikleberry. Spd. 10-16-77. Comp. 10-23-77. TD 3300'. D&A. St. Louis, top 3290' (approx.). Johnsonville Consol.
- Irr. 12, 330'NL, 330'EL, SE NW. David Allison #1 C. & C. Lowe. Abd. loc. Johnsonville Consol.
- Irr. 12, 330'NL, 330'WL, SE NW. David Allison #2 C. & C. Lowe. Abd. loc. Johnsonville Consol.
- 14, 330'SL, 380'WL, NW NE. Fletcher F. Farrar #3 Paul White. Spd. 9-13-77. Comp. 11-8-77. TD 3818'. IP 75 BOP/35 BW. Salem, top 3579', acid. Johnsonville South.
- 22, SE SW NE. Booth Oil Co., Inc. #1 Gregory. Spd. 9-5-77. Comp. 10-17-77. TD 3834'. IP 42 BOP. Salem, top 3579', acid. Johnsonville Consol.
- 26, NW SW NE. J & H Oil Co. #1-A Claudie Ralston. Spd. 8-14-77. Comp. 9-20-77. TD 3970'. IP 25 BOP. Ohara, top 3150', acid. Clay City Consol.
- 26, NW NE NE. J & H Oil Co. #3 Ralston. Spd. 10-21-77. Comp. 10-26-77. TD 3292'. D&A. St. Louis, top 3285' (approx.). Clay City Consol.

2S, 8E

- 36, SE NE SE. Jerry E. Friend #3 Laws. Spd. 8-5-76. Comp. 11-1-77. TD 3430'. IP 70 BOP. McClosky, top 3421', mca. Barnhill.

3S, 5E

- 6, SE SE SW. Booth Oil Co., Inc. #1 Sanders. Spd. 10-8-77. Comp. 10-19-77. TD 3860'. D&A. Salem, top 3528'. WN - Markham City.

3S, 6E

- 7, NE NW SE. Comanche Oil Corp. #1 Meyers. Spd. 9-29-77. Comp. 10-31-77. TD 4192'. IP 60 BOP/0 BW. Ullin, top 4181', acid. Mayberry.

WAYNE COUNTY (continued)3S, 6E

- 7, SE SW NE. Comanche Oil Corp. #3 Parker. Spd. 8-17-77. Comp.
10-24-77. TD 4175'. IP 50 BOP/10 BW. Salem, top 3760', acid.
Mayberry.

WHITE COUNTY4S, 8E

- 29, NW NE SW. Perry Fulk #1 Foley et al. Comm. Spd. 8-25-77. Comp.
11-8-77. TD 4310'. IP 120 BOP. Aux Vases, top 3370', frac.
Springerton South.

- 31, NE SE SE. Perry Fulk #1 Valeta Stahl. Spd. 10-12-77. Comp.
10-21-77. TD 3510'. D&A. McClosky, top 3469' (approx.). WN -
Springerton South.

- 33, NE NW SW. Donald E. Brown, Sr. #2 J. T. Lawrence. Spd. 10-22-77.
Comp. 10-29-77. TD 3366'. D&A. Aux Vases, top 3348' (approx.).
Springerton South.

- 34, NE NW SW. RK Petroleum Corp. #3 Continental Bank. Spd. 10-8-77.
Comp. 11-8-77. TD 3339'. IP 70 BOP. Aux Vases, top 3329', acid
and frac. Springerton South.

- 34, NE NE SW. RK Petroleum Corp. #5 Continental Bank. Spd. 9-20-77.
Comp. 11-8-77. TD 3396'. IP 35 BOP/100 BW. Aux Vases, top
3335', frac. Springerton South.

4S, 14W

- Irr. 7, 990'NL, 1650'EL, NE. William R. & Phyllis Becker #1 Bond
Heirs. Spd. 9-24-77. Comp. 10-1-77. TD 3330'. D&A. Ste. Gene-
vieve, top 3149'. Phillipstown Consol.

WILLIAMSON COUNTY8S, 2E

- 5, 330'NL, 175'EL, NW SW. C. E. Brehm Drlg. & Prod. #1 Freeman. Spd.
9-20-77. Comp. 9-26-77. TD 2700'. D&A. Ste. Genevieve, top
2580' (approx.). WN - Freemanspur.

8S, 4E

- 27, NE NW NE. C. E. Brehm Drlg. & Prod. #1 Snodsmith. Spd. 7-30-77.
Comp. 8-6-77. TD 3040'. D&A. Ste. Genevieve, top 2910' (approx.).
WN - Corinth East.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH NOVEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

9-2N-8E, NW NW SW. Union Oil of Calif. #1 Wm. E. Staley, formerly Pure Oil Co. 3701'. 10-24-77. Clay City Consol.
10-3N-7E, NW NW SW. W. C. McBride, Inc. #1 Willis DeHart. 2612'. 10-14-77. Sailor Springs Consol.

CLINTON COUNTY

2-1N-1W, 330'NL, 363'EL, NW NE SE. Shell Oil Co. #107-W Centralia Unit WF, formerly Felmont Corp. #6 L. Schmitz. 1206'. 9-7-77. (Water input, formerly a producer.) Centralia.
12-1N-1W, 687'NL, 1038'WL, NW. Shell Oil Co., Inc. #12-A R. Buehler. 1212'. 9-7-77. Centralia.
12-1N-1W, 632'NL, 1119'WL, NW. Shell Oil Co., Inc. #7 R. Buehler. 1363'. 9-8-77. Centralia.

CUMBERLAND COUNTY

24-10N-10E, 330'NL, 345'WL, SW NW. C. A. Petry & Son (# unknown) Lacey. 182'. 8-5-77. (Unidentified with Survey records.) Siggins.

FAYETTE COUNTY

8-7N-3E, SW SW SE. Carter Oil Co. #3 A. Miller. 1530'. 10-21-77. (Water input, formerly a producer.) Loudon.
9-7N-3E, SW SW NW. Carter Oil Co. #1 John Durbin (Sanford Unit #14). 1571'. 10-19-77. (Water input, formerly a producer.) Loudon.
17-7N-3E, SW NW NE. Carter Oil Co. #2 Bennie Shaw. 1618'. 10-21-77. (Water input, formerly a producer.) Loudon.
12-8N-3E, SE SW NW. Carter Oil Co. #2 J. Allsop. 1463'. 10-21-77. Loudon.
1-8N-3E, NE SE SW. Carter Oil Co. #2 Julia Richards. 1513'. 10-14-77. Loudon.

GALLATIN COUNTY

4-8S-8E, NE SW NW. Carter Oil Co. #1 Luther Rister. 1957'. 9-29-77. Omaha.

LAWRENCE COUNTY

5-3N-12W, 1280'NL, 1100'EL, NE. Ohio Oil Co. #20 James Lewis a/c 1. 1000'. 7-05-77. Lawrence.
8-3N-12W, 50'SL, 900'WL, NE. Ohio Oil Co. #45 S. Booe. 934'. 8-19-77. Lawrence.
30-4N-12W, 580'SL, 166'EL, SW SE. Pemberton Oil & Gas Co. #18 Pemberton. 1015'. 8-04-77. Lawrence.
30-4N-12W, 1072'SL, 695'EL, SE. Ohio Oil Co. #4 L. D. Sutton. 1029'. 8-22-77. Lawrence.
30-4N-12W, 90'SL, 155'EL, SE. Ohio Oil Co. #6 L. D. Sutton. 1048'. 9-8-77. Lawrence.
30-4N-12W, 330'NL, 672'EL, SE SE. Ohio Oil Co. #17 L. D. Sutton. 1387'. 8-2-77. Lawrence.

WABASH COUNTY

2-1N-12W, SE SE NE. Walter H. Collins #1 Kogan. 2046'. 10-12-77. Alledale.

WAYNE COUNTY

10-1N-8E, NW NW SW. Booth Oil Co., Inc. #1 Taylor. 3773'. 10-27-77. Clay City Consol.
 34-2N-7E, 2303'NL, 330'EL, NE. Pure Oil Co. #A-1 Carman Consol. 3127'. 10-24-77. Clay City Consol.
 34-2N-7E, NE SE NE. Pure Oil Co. #A-2 Carman Consol. 3000'. 9-23-77. (Water input, formerly a producer.) Clay City Consol.
 34-2N-7E, NE NW NE. Pure Oil Co. #B-2 Carman Consol. 2995'. 9-30-77. Clay City Consol.
 34-2N-7E, SE NE NE. Pure Oil Co. #B-1 Flexter Consol. 3000'. 10-8-77. Clay City Consol.
 34-2N-7E, NE NE NE. Pure Oil Co. #B-2 Flexter Consol. 2990'. 9-22-77. (Water input, formerly a producer.) Clay City Consol.
 34-2N-7E, NW NE NE. Pure Oil Co. #B-3 Flexter Consol. 2992'. 10-20-77. Clay City Consol.
 34-2N-7E, SW NE NE. Pure Oil Co. #B-4 Flexter Consol. 2998'. 9-27-77. (Water input, formerly a producer.) Clay City Consol.
 34-2N-7E, 2300'NL, 2298'EL, NE. Pure Oil Co. #3 Parmelia Plew. 3000'. 9-23-77. (Water input, formerly a producer.) Clay City Consol.
 35-2N-7E, 2301'NL, 330'WL, NW. Pure Oil Co. #A-3 Flexter Consol. 2990'. 9-28-77. (Water input, formerly a producer.) Clay City Consol.
 35-2N-7E, NW SW NW. Union Oil Co. #A-4 Flexter Consol. (Jordan School Unit), formerly Pure Oil Co. 2990'. 10-6-77. (Water input, formerly a producer.) Clay City Consol.
 35-2N-7E, 2335'SL, 1651'WL, SW. Pure Oil Co. #1 Hearn Consol. 2980'. 10-13-77. Clay City Consol.
 35-2N-7E, 2328'SL, 330'WL, SW. Pure Oil Co. #2 George Hearn. 2965'. 10-25-77. Clay City Consol.
 35-2N-7E, 2336'SL, 991'WL, SW. Pure Oil Co. #3 George Hearn. 2985'. 10-17-77. (Water input, formerly a producer.) Clay City Consol.
 35-2N-7E, 1651'SL, 330'WL, SW. Pure Oil Co. #4 George Hearn. 2975'. 10-22-77. (Water input, formerly a producer.) Clay City Consol.
 36-2N-8E, SE NE NE. Partlow & Cochonour #2 Shannon. 3052'. 10-19-77. Clay City Consol.

WHITE COUNTY

24-5S-10E, NE SW SW. National Assoc. Petro. Co. #1 Emma Sell. 3065'. 10-24-77. Maunie North Consol.
 13-6S-8E, 365'SL, 365'WL, SE SW. Oil Investors, Inc. #1-A Gentry-Lowery. 3009'. 10-11-77. Roland Consol.
 29-6S-10E, 660'SL, 350'EL, NE. C. E. Brehm Drlg. & Prod. #1 Concord Comm. 3950'. 10-13-77. Concord Consol.
 29-6S-10E, 720'SL, 157'EL, NE. C. E. Brehm #1 George York Comm. et al. 3054'. 10-15-77. Concord Consol.
 2-7S-9E, SW NW NE. C. E. Brehm Drlg. & Prod. #1 Evans. 4100'. 10-8-77. Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structure Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
|--------------------------------------|---|
| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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State of Illinois
Department of Registration and Education

THE JOURNAL OF THE
UNIVERSITY OF ILLINOIS
AT URBANA CHAMPAIGN

I L L I N O I S S T A T E G E O L O G I C A L S U R V E Y

Urbana, Illinois 61801

M O N T H L Y R E P O R T

O I L A N D G A S D R I L L I N G
I N I L L I N O I S

Jacob Van Den Berg

THE HISTORY OF THE

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DISCOVERIES

New Fields

SPRING GARDEN. Jefferson County, 12-4S-3E, McClosky at 3077'. Discovery well, C. E. Brehm Drlg. & Prod. #1 Bernard-Hughes, IP 100 BOF.

New Pay Zones in Fields

AMITY. Richland County, 16-4N-14W, Aux Vases at 3052'. Discovery well, Rector & Stone Drlg. Co. #1 Rennier Comm. (OWDD, was D&A), IP 4 BOP, 10 BW from Aux Vases and McClosky.

BROUGHTON. Hamilton County, 27-6S-7E, Ullin at 4180'. Discovery well, Duke Resources Corp. #1 Bonan, IP 580 BOP.

HALF MOON. Wayne County, 35-1S-9E, Salem at 3981'. Discovery well, Karen S. Revelle #1 L. Sams (OWDD, was D&A), IP 5 BOP, 5 BW.

Extensions to Fields

AMITY. Richland County, 16-4N-14W, Aux Vases at 3052' and McClosky at 3145'. Discovery well, Rector & Stone Drlg. Co. #1 Rennier Comm. (OWDD, was D&A), IP 4 BO, 10 BW.

LOUDEN. Effingham County, 29-9N-4E, Devonian at 3137'. Discovery well, Shelby A. & Sylvia Britton #1 McKay, IP 1 BOP.

MAYBERRY. Wayne County, 29-2S-6E, Ullin at 4154'. Discovery well, Ill. Mid-Continent Co. & Dee Drlg. Co. #1 Sherwood Land Co., IP 10 BOP, 30 BW.

TABLE I

New Pools Discovered from January 1977 through December 1977

| Pool: | County | Twp. | Rng. | Pool: | County | Twp. | Rng. |
|---------------------|--------|------|------|-----------------------------------|--------|------|------|
| <u>January 1977</u> | | | | <u>August</u> | | | |
| None | | | | None | | | |
| <u>February</u> | | | | <u>September</u> | | | |
| None | | | | Cooperstown (gas) Brown County | | | |
| | | | | 1S 2W | | | |
| <u>March</u> | | | | <u>October</u> | | | |
| None | | | | None | | | |
| <u>April</u> | | | | <u>November</u> | | | |
| None | | | | Holliday Fayette County | | | |
| | | | | 9N 3E | | | |
| <u>May</u> | | | | Illioopolis Sangamon County | | | |
| None | | | | 16N 2W | | | |
| | | | | <u>December</u> | | | |
| <u>June</u> | | | | Spring Garden Jefferson County | | | |
| None | | | | 4S 3E | | | |
| <u>July</u> | | | | | | | |
| None | | | | | | | |

TABLE II

COMPLETIONS AND PRODUCTION BY MONTHS

(Service wells, etc., not included in Table II, are classified in Table III)

| Producing Oil Wells (Gas in Parentheses) | | | | | | New Dry Holes | | | Production in | |
|--|-------------|------|---------------------|--------------------|-------------|---------------|-----|-----------------|----------------------|--------|
| Field Wells | Discoveries | | Newly Drilled Holes | Reworked Dry Holes | Field Wells | Wildcat | | Total New Tests | Thousands of Barrels | |
| | Field | Ext. | | | | Near | Far | | | |
| 1976 | | | | | | | | | | |
| Jan. | 54 | 1 | 2 | 53 | 4 | 28 | 4 | 3 | 88 | 2,254 |
| Feb. | 47(6) | 1 | 0 | 48(6) | 0 | 19 | 7 | 4 | 84 | 1,906 |
| Mar. | 40(1) | 0 | 1 | 39(1) | 2 | 16 | 6 | 6 | 68 | 2,251 |
| Apr. | 46 | 0 | 3 | 42 | 7 | 20 | 10 | 6 | 78 | 2,261 |
| May | 69 | 0 | 0 | 67 | 2 | 26 | 3 | 4 | 100 | 2,122 |
| June | 104(1) | 2 | 0 | 103(1) | 3 | 57 | 22 | 22 | 205 | 2,192 |
| July | 36 | 0 | 0 | 36 | 0 | 17 | 4 | 1 | 58 | 2,170 |
| Aug. | 47 | 1 | 3 | 48 | 3 | 30 | 4 | 10 | 92 | 2,259 |
| Sept. | 93(1) | 0 | 0 | 87(1) | 6 | 34 | 9 | 7 | 138 | 2,212 |
| Oct. | 60(1) | 0 | 3 | 61(1) | 2 | 23 | 6 | 3 | 94 | 2,185 |
| Nov. | 54(1) | 2 | 2 | 57(1) | 1 | 22 | 7 | 4 | 91 | 2,222 |
| Dec. | 90 | 0 | 5 | 80 | 15 | 57 | 15 | 9 | 161 | 2,238 |
| | 740(11) | 7 | 19 | 721(11) | 45 | 349 | 97 | 79 | 1,257 | 26,272 |
| 1977 | | | | | | | | | | |
| Jan. | 41(1) | 0 | 0 | 37 | 4(1) | 16 | 2 | 3 | 58 | 1,719 |
| Feb. | 33 | 0 | 1 | 34 | 0 | 8 | 3 | 1 | 46 | 1,936 |
| Mar. | 48(1) | 0 | 1 | 42(1) | 7 | 17 | 6 | 3 | 69 | 2,309 |
| Apr. | 50(1) | 0 | 1 | 46(1) | 5 | 11 | 3 | 5 | 66 | 2,206 |
| May | 59(1) | 0 | 0 | 54(1) | 5 | 21 | 10 | 0 | 86 | 2,274 |
| June | 58(3) | 0 | 1 | 54(3) | 5 | 32 | 12 | 7 | 108 | 2,214 |
| July | 40(1) | 0 | 1(2) | 39(3) | 2 | 26 | 13 | 3 | 84 | 2,180 |
| Aug. | 30(3) | 0 | 1(1) | 29(4) | 2 | 22 | 3 | 2 | 60 | 2,238 |
| Sept. | 68 | 0(1) | 1(1) | 64(1) | 5(1) | 30 | 6 | 2 | 103 | 2,190 |
| Oct. | 53 | 0 | 2 | 46 | 9 | 36 | 9 | 5 | 96 | 2,176 |
| Nov. | 62(1) | 2 | 1 | 62(1) | 3 | 28 | 12 | 5 | 108 | 2,105 |
| Dec. | 85(3) | 1 | 3 | 79(3) | 10 | 48 | 12 | 10 | 152 | 2,175 |
| | 627(15) | 3(1) | 13(4) | 586(18) | 57(2) | 295 | 91 | 46 | 1,036 | 25,722 |

Tests are considered field wells if located less than $\frac{1}{2}$ -mile from producing well. Near wildcats are drilled $\frac{1}{2}$ to $1\frac{1}{2}$ miles from production and if successful are usually called extensions. Far wildcats, over $1\frac{1}{2}$ miles from production, usually discover new fields if successful. Reworked wells listed in the body of the report are included in this table only if they are former dry holes converted to producing wells. Production figures through October 1977 are from reports received directly from crude gathering companies. The figures for November and December 1977 are estimated.

TABLE III

Drilling by Counties, Oil and Gas, December 1977

| County | Permits to Drill ^O | Total Comp. | Production Tests | | | Service Wells | | | Struc- ture Tests |
|------------|-------------------------------------|----------------|------------------|-----|--------------------|---------------|---------------|--------|-------------------------|
| | | | New Holes | | OWWO | New | Conversions | | |
| | | | Prod. | D&A | D&A to Prod. | | Were Prod. | Others | |
| Bond | 1 | 4 | 1 | 2 | 1 | - | - | - | - |
| Brown | 1 | - | - | - | - | - | - | - | - |
| Christian | - | 11 | - | - | - | - | 10 | 1 | - |
| Clark | 1 | 6 | 2 | 3 | - | 1 | - | - | - |
| Clay | 7 | 1 | - | 1 | - | - | - | - | - |
| Clinton | 1 | 1 | 1 | - | - | - | - | - | - |
| Coles | - | 3 | 1 | 1 | 1 | - | - | - | - |
| Crawford | 14 | 22 | 13 | 2 | - | 4 | 3 | - | - |
| Cumberland | 1 | - | - | - | - | - | - | - | - |
| DeWitt | - | 1 | - | 1 | - | - | - | - | - |
| Edgar | - | 2 | 2* | - | - | - | - | - | - |
| Edwards | 3 | 14 | 7 | 6 | - | - | - | 1 | - |
| Effingham | 4 | 7 | 5 | 2 | - | - | - | - | - |
| Fayette | 4 | 3 | 2** | - | - | - | 1 | - | - |
| Franklin | 3 | 10 | 4 | - | 2 | 4 | - | - | - |
| Gallatin | - | 5 | 1 | 3 | 1 | - | - | - | - |
| Greene | - | 1 | - | 1 | - | - | - | - | - |
| Hamilton | 4 | 5 | 3 | 2 | - | - | - | - | - |
| Jasper | 2 | 1 | 1 | - | - | - | - | - | - |
| Jefferson | 5 | 6 | 3 | 2 | - | - | 1 | - | - |
| Lawrence | 4 | 7 | 2 | 1 | - | 4 | - | - | - |
| Madison | 1 | 2 | - | 2 | - | - | - | - | - |
| Marion | 2 | 5 | 2 | 2 | - | - | - | 1 | - |
| Pope | - | 1 | - | 1 | - | - | - | - | - |
| Randolph | - | 3 | 1 | 1 | 1 | - | - | - | - |
| Richland | 2 | 5 | 1 | 1 | 1 | - | 2 | - | - |
| St. Clair | 1 | 1 | - | - | - | - | - | 1 | - |
| Saline | - | 1 | - | 1 | - | - | - | - | - |
| Sangamon | 2 | 2 | - | 1 | - | 1 | - | - | - |
| Tazewell | - | 1 | - | 1 | - | - | - | - | - |
| Wabash | 12 | 16 | 5 | 11 | - | - | - | - | - |
| Washington | 1 | 1 | - | 1 | - | - | - | - | - |
| Wayne | 23 | 28 | 14 | 10 | 3 | - | 1 | - | - |
| White | 19 | 23 | 11 | 10 | - | - | - | 2 | - |
| Williamson | - | 1 | - | 1 | - | - | - | - | - |
| | 118 | 200 | 32 | 70 | 10 | 14 | 18 | 6 | - |

*Gas wells

**Includes 1 gas well

^O Issued by Department of Mines and Minerals, Springfield, Illinois, December 1, 1977 through December 31, 1977.

TABLE IV

Drilling by Counties, Natural Gas Storage, December 1977

| County | Permits to drill* | Total Comp. | Injection & Withdrawal | | Service Wells | |
|------------|----------------------|----------------|---------------------------|------------------|---------------|------------------|
| | | | New Wells | Conver- sions | New Wells | Conver- sions |
| Bond | - | 2 | 1 | - | 1 | - |
| Champaign | 2 | 2 | 2 | - | - | - |
| Fayette | - | 1 | - | - | - | 1 |
| Livingston | - | 6 | 6 | - | - | - |
| McLean | - | 19 | 19 | - | - | - |
| | 2 | 30 | 28 | - | 1 | 1 |

In addition to the above, 3 structure tests in connection with natural gas storage were drilled.

*Issued by Department of Mines and Minerals, Springfield, Illinois, December 1, 1977 through December 31, 1977.

* * * * *

WELL SAMPLE LIBRARY

A bi-monthly list of current additions to the well sample library at the Geological Survey is available, at no charge, upon request.

WELL RECORDS

The Survey's collection of well logs contains records on more than 190,000 wells and test holes in the State of Illinois, and includes more than 80,000 geophysical logs. These records are available for public use, without charge, in our Geological Records Section. Driller's logs and sample studies will be loaned for a ten-day period.

WELL DATA

Well data in this report were compiled from information received from Petroleum Information Corporation and Scout Check, Inc., plus nonconfidential information in the files of the Illinois State Geological Survey.

OIL AND GAS DEVELOPMENT MAPS

Available from the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois.

The maps (blue-line print maps, revised semiannually) show oil, gas and dry abandoned wells, on a base noting towns, main roads, county, township, and section lines. Scale two inches to the mile. Price \$1.00 each, plus State Retailers Occupation Tax at 5 percent for Illinois residents.

BEECH CREEK (BARLOW) DATA MAPS

All Beech Creek (Barlow) structural maps, including the addition of maps of the Allendale and Flat Rock areas, have been brought up to date as of January 1, 1977. Blue-line prints are available at \$1.00 plus 5 percent tax for Illinois residents.

OIL AND GAS PAY MAPS

Maps showing the productive area of each of 21 pay zones were published as Illinois Petroleum 84 in 1967. Although Illinois Petroleum 84 was soon out of print, Ozalid maps (at a scale of 1" = 6 miles) of each pay zone have been available. These maps are now up to date as of January 1, 1977, and may be obtained for \$1.00 for each map (pay zone) plus 5 percent tax for Illinois residents.

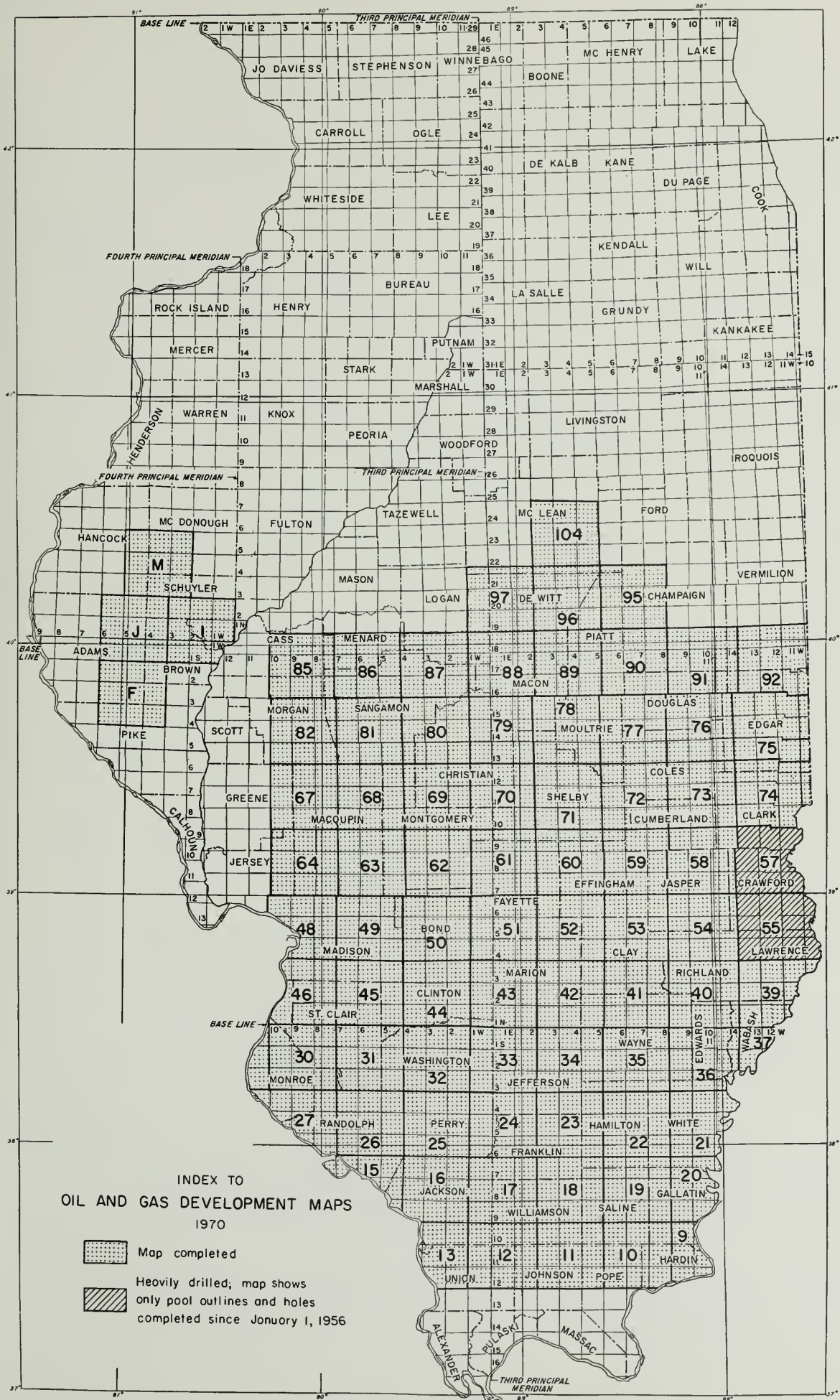
OIL AND GAS FIELDS MAP

Effective November 1, 1977, a map of Oil and Gas Fields of Illinois is on open file at the Illinois State Geological Survey where it may be examined. The map (scale approximately 1 inch = 6 miles) shows field areas and names and is up to date as of January 1, 1977.

It is planned to update the map annually. Ozalid copies of it may be obtained from the following reproduction establishments:

Dean's Superior Blueprint, Inc.
410 East University Avenue
Champaign, IL 61820 (phone 217-359-3261)

Midcontinent Reproduction Company
Box 436
Mattoon, IL 61938 (phone 217-235-0311)



WELLS COMPLETED FROM NOVEMBER 26, 1977 TO DECEMBER 30, 1977

Abbreviations used are listed on the inside back cover. A field well is less than $\frac{1}{2}$ mile, a wildcat near (WN) is $\frac{1}{2}$ to $1\frac{1}{2}$ miles, a wildcat far (WF) is more than $1\frac{1}{2}$ miles from production.

BOND COUNTY

4N, 2W

- 32, SW SW SW. Dolphin Operating Co., Inc. #1 Dixon. Conversion. Was Bethel producer. Comp. 11-7-77. COTD 1057'. 1 MMCFG/day. Cypress, top 1029'. Beaver Creek South.

4N, 3W

- 24, 330'NL, 3000'EL, Sec. Laclede Pipeline Co. #1 (24-7) St. Louis Joint Stock Land Bank. OWWO. Was Eason Oil Co. #1 St. Louis Joint Land Bank. Was junked hole. OTD 1340'. Comp. 5-9-39. Recom. 11-30-73 (est.). COTD 890'. Junked hole. Beaver Creek North.

- 27, NE SW NE. DePoister Drilling Co. #1 Zobrist. Spd. 12-4-77. Comp. 12-17-77. TD 1117'. D&A. Benoist, top 1095' (approx.). WF.

4N, 4W

- 1, SW SE SE. Dolphin Operating Co., Inc. #1 Goldie Neumann. OWWO. Was Haines & Jackson #1 Hunter. Was D&A. OTD 1501'. Comp. 3-4-41. Recom. 2-19-73. COTD 1120'. SIGW. Cypress, top 950'. Stubblefield South.

- 12, 562'NL, 98'WL, SE NE. Dolphin Operating Co., Inc. #1 McCasland. Spd. 3-12-73. Comp. 3-21-73. TD 965'. Shut in gas storage well. Cypress, top 910'. Stubblefield South.

- 12, SW NW SE. Laclede Pipeline #1 C. Weiss. Spd. 6-26-73. Comp. 7-20-73 (est.). TD 935'. Gas storage observation. Cypress, top 898'. Stubblefield South.

- 12, SW SW NW. Dolphin Operating Co., Inc. #1 Weiss, McCasland & Neumann Unit. Spd. 4-11-77. Comp. 6-11-77. TD 2220'. IP 50 BOP. Devonian, top 2204', nat. Stubblefield South.

- 14, NW NE NE. W. T. Frederking #1 Simmons-Rogier Communitized. Spd. 11-26-77. Comp. 11-30-77. TD 2243'. D&A. Devonian, top 2195'. WN-Stubblefield South.

CHAMPAIGN COUNTY

21N, 7E

- 28, 56'SL, 66'EL, SE NW SW. Peoples Gas Light & Coke Co. #2 Turner. Spd. 10-4-75. Comp. 4-1-76. TD 4324'. Gas injection/withdrawal. Mt. Simon, top 4006'. Manlove Gas Storage Field.

22N, 8E

- 30, 60'SL, 88'EL, SE SE SW. Peoples Gas Light & Coke Co. #1 W. Provine. Spd. 7-28-75. Comp. 10-22-75. TD 4395'. Gas injection/withdrawal. Mt. Simon, top 4076'. Manlove Gas Storage Field.

CHRISTIAN COUNTY

13N, 3W

- 9, S' SE SE. Joe Simpkins Oil Developments #5 Blackstock C. Conversion. Was Louis Nonneman #5-C Blackstock. Was Devonian producer. Comp. 11-2-76. COTD 1822'. Water input. Devonian, top 1807'. Kincaid Consol.
- 9, SW NE SE. Joe Simpkins Oil Developments #9 Blackstock C. Conversion. Was Louis Nonneman #9 Blackstock "C". Was Devonian producer. Comp. 10-31-76. COTD 1823'. Water input. Devonian, top 1808'. Kincaid Consol.
- 10, 380'NL, 330'WL, SW. Joe Simpkins Oil Developments #5 Kincaid Land A. Conversion. Was Joe Simpkins #5-A Kincaid Land Co. Was D&A in Burlington-Keokuck. Deepened to Devonian dry hole. Temp. abd. Comp. 4-30-77. COTD 1835'. Water input. Devonian, top 1825'. Kincaid Consol.
- 10, SW SW SW. Joe Simpkins Oil Developments #1 Peabody. Conversion. Was Sentry Royalty Co. #1 Peabody Coal Co. Was Devonian producer. Comp. 4-30-77. COTD 1834'. Water input. Devonian, top 1820'. Kincaid Consol.
- 15, SW NW NW. Joe Simpkins Oil Developments #3 Blackstock A. Conversion. Was J. F. Hinkle #3 Blackstock. Was Devonian producer. Comp. 10-5-76. COTD 1826'. Water input. Devonian, top 1811'. Kincaid Consol.
- 15, SW SW NW. Joe Simpkins Oil Developments #7 Messersmith. Conversion. Was L. A. McElmurray #7 Messersmith-Peabody Coal Co. Was Devonian producer. Comp. 5-1-77. COTD 1888'. Water input. Devonian, top 1808'. Kincaid Consol.
- 16, SW NE NE. Joe Simpkins Oil Developments #3 Blackstock B. Conversion. Was Louis Nonneman #3B Blackstock Estate. Was Devonian producer. Comp. 11-2-76. COTD 1827'. Water input. Devonian, top 1811'. Kincaid Consol.
- 16, SW NW NE. Joe Simpkins Oil Developments #2 Blackstock C. Conversion. Was Louis Nonneman #2C Blackstock. Was Devonian producer. Comp. 5-4-77. COTD 1829'. Water input. Devonian, top 1810'. Kincaid Consol.
- 16, SW SW NE. Joe Simpkins Oil Developments #4 Blackstock "S". Conversion. Was M. R. Rhoads #4D Blackstock. Was Devonian producer. Comp. 5-4-77. COTD 1850'. Water input. Devonian, top 1834'. Kincaid Consol.
- 16, SW SE NE. Joe Simpkins Oil Developments #5 Messersmith. Conversion. Was L. A. McElmurray #5 Messersmith-Peabody Coal Co. Was Devonian producer. Comp. 5-12-77. COTD 1826'. Water input. Devonian, top 1818'. Kincaid Consol.

15N, 1W

- 11, NE SE SW. Comanche Oil Corp. #1 Dipper. Conversion. Was Lewis H. Foster #1 Don Dipper. Was Silurian producer. Comp. 8-75. COTD 1923'. SWD. Silurian, top 1898'. Mt. Auburn Consol.

CLARK COUNTY

9N, 11W

10, NW NW SE. Oilfield Research, Inc. #1 Irma Manhart. Spd. 12-2-77.
Comp. 12-16-77. TD 2500'. D&A. Devonian, top 2430' (approx.).
WF.

9N, 14W

26, 330'NL, 963'WL, NE SW. Steven Tomko #T-5 Ritter. Spd. 11-9-77.
Comp. 12-20-77. TD 950'. IP 6 BOP. Partlow, top 659'. Johnson
South.

10N, 14W

36, 390'NL, 330'EL, SW SW. Ronald E. Morris #1 Virgil Jones. Spd.
10-30-77. Comp. 11-11-77. TD 2932'. D&A. Trenton, top 2772'.
Johnson North.

11N, 14W

4, SE NE SW. Jack H. Mankin #12 Belva Turner. Spd. 8-15-77. Comp.
11-2-77. TD 390'. Oil producer, IP not available. Pennsylvanian,
top 325', shot. Westfield.

21, 540'NL, 330'WL, NW. Glen Hawkins #2 Glen Hawkins. Spd. 10-29-77.
Comp. 12-13-77. TD 270'. D&A. Mansfield, top 264'. Westfield.

12N, 14W

32, C SW SE. John H. Ryan #B-1 Endsley. Spd. 11-1-77. Comp. 11-19-77.
TD 386'. Water input. Westfield, top 332'. Westfield.

CLAY COUNTY

2N, 7E

15, NE NW NE. Booth Oil Co., Inc. #2-A C. Bayler. Spd. 7-19-75.
Comp. 8-15-75. TD 3004'. D&A. Aux Vases, top 2984'. Clay City
Consol.

2N, 8E

10, 330'NL, 380'WL, SW SW. James A. Gray #8 Routt. OWWO. Was Kenneth
E. Beeman. Was plugged McClosky and St. Louis producer. OTD 3370'.
Comp. 4-8-75. Recomp. 12-20-77. COTD 3370'. IP 30 BOP.
McClosky, top 3070', mca. Clay City Consol.

17, NW NE SW. Union Oil Co. of California #A-4 L. E. Hosselton. Abd.
loc. Clay City Consol.

4N, 5E

2, SW SE SE. "K" Oil, Inc. #1 Patrick. Abd. loc. Iola South.

4N, 7E

35, C N/2 NE NE. Woodrow Franklin #7 Kessler. Abd. loc. Sailor
Springs Consol.

4N, 8E

Irr. 19, 330'NL, 330'EL, NW SE. James Keck #1 Coggan. OWWO. Was W. L.
Lichlyter #1 Coggan Hrs. Was D&A. OTD 3089'. Comp. 9-10-46.
Recomp. 12-16-77. COTD 46'. Junked hole. Sailor Springs
North.

CLAY COUNTY (continued)

5N, 6E

- 1, NE NE SE. Warren W. Webster #1 Howard Heiden. OWWO. Was Coy Oil.
Was Aux Vases and Spar Mountain producer. OTD 2836'. Comp. 3-15-61.
Recomp. 11-22-77. COTD 2700'. D&A. Junked hole. Sailor
Springs Consol.

CLINTON COUNTY

1N, 2W

- 8, NE SW NW. Edward J. Klockenkemper #1 Charles Johnpeter. OWWO. Was
R. D. Ernest #A-1 Charles Johnpeter. Was plugged Cypress producer.
OTD 1143'. Comp. 2-11-71. Recom. 2-2-77. COTD 1155'.
IP 5 BOP/O BW. Cypress, top 1114'. Posey.

2N, 3W

- 10, 390'NL, 570'EL, NW NE. Leland Monken #2 Hempen et al. Spd. 9-26-77.
Comp. 12-20-77. TD 1050'. IP 30 BOP/15 BW. Cypress, top 1029'.
Carlyle.

COLES COUNTY

11N, 7E

- 2, 330'NL, 430'WL, NW. Harry J. Adams #2-0 E. Ganley. Spd. 6-16-77.
Comp. 6-25-77. TD 2260'. IP 5 BOP/200 BW. Aux Vases, top 1900';
McClosky, top 2011'; Salem, top 2230', nat. Mattoon.

12N, 7E

- Irr. 2, 990'SL, 330'WL, SE. James R. Covington #6-C Oliver. OWWO.
Was Harry Adams #1 Oliver. Was D&A. OTD 1933'. Comp. 7-11-59.
Recomp. 8-19-77. COTD 1934'. IP 50 BOP/30 BW. Cypress,
top 1742', frac. Mattoon.

- 26, SE SW NW. Energy Producers, Inc. #2 Jeffries. Spd. 10-18-77.
Comp. 11-15-77. TD 2000'. Temp. abd. McClosky, top not available.
Mattoon.

CRAWFORD COUNTY

5N, 12W

- 6, 430'SL, 330'WL, NE SE. B. W. Bell #1-A O. Simmons. Spd. 11-4-77.
Comp. 11-8-77. TD 1100'. Junked hole. Main Consol.

5N, 13W

- 2, 380'NL, 330'EL, SE. Energy Resources of Indiana, Inc. #1A Richart
Heirs. Spd. 2-14-77. Comp. 3-5-77 (est.). TD 1325'. SIGW.
Basal Pennsylvanian, top 1244'. Main Consol. (This well was
erroneously run as an old well in the November 1977
Drilling Report.)

6N, 13W

- 22, NW NW NE. Marathon Oil Co. #GG-13 Wakefield-Martin Comm. M-1.
Conversion. Was Robinson sand producer. Comp. 2-20-76. COTD
932'. Water input. Robinson, top 898'. Main Consol.

7N, 12W

- 10, 447'NL, 450'WL, NE. Mason Oil Co. #4 Charles N. Newlin. Spd.
2-11-77. Comp. 5-3-77. TD 1150'. IP 12 BOP/80 BW. Robinson, top
1034' (est.), frac. Main Consol.

CRAWFORD COUNTY (continued)7N, 12W

- 10, 894'NL, 896'WL, NE. Mason Oil Co. #W-8 Charles N. Newlin. Spd. 2-7-77. Comp. 5-3-77. TD 1450'. Water input. Robinson, top 1011'. Main Consol.
- 10, NE SW NW. Mason Oil Co. #14 Floyd R. & Norma I. Osborn. Spd. 7-8-77. Comp. 7-14-77. TD 1100'. IP 25 BOP/55 BW. Robinson, top 1024', frac. Main Consol.
- 10, C SW NW. Mason Oil Co. #16W Floyd R. & Norma I. Osborn. Spd. 5-4-77. Comp. 5-11-77. TD 1100'. Water input. Robinson, top 1035' (est.). Main Consol.
- 11, C W/2 NW NW. Mason Oil Co. #1-A Claude Correll. Conversion. Was Robinson sand producer. Comp. 8-1-77. TD 1069'. Water input. Robinson, top 1004'. Main Consol.
- Irr. 17, 5'NL, 660'WL, NE NW. Mason Oil Co. #W-1 Price. Spd. 4-17-77. Comp. 7-1-77. TD 1150'. Water input. Robinson, top 1035' (est.). Main Consol.
- Irr. 17, 990'NL, 330'WL, NE NW. Mason Oil Co. #1 Donald S. & Marilyn S. Price. Spd. 1-3-77. Comp. 7-1-77. TD 1150'. IP 4 BOP/100 BW. Robinson, top 1007', frac. Main Consol.
- 30, NE NE NW. Olin M. Weaver, Sr. #1-A Velma Cortelyou. OWDD. Was Robinson producer. OTD 1250'. Comp. 1-26-72. Recom. 10-17-77. DTD 1452'. D&A. Aux Vases, top 1445'. Main Consol.

7N, 13W

- 10, C S/2 SE SW SW. J. C. Shumaker, Trustee #1 Wattleworth. Spd. 11-21-77. Comp. 12-2-77. TD 4400'. D&A. Trenton, top 4150' (approx.). Main Consol.
- 13, 440'NL, 663'WL, SE. Used Oil Field Equipment #W-1 R. L. Wilson, A/C 2. Spd. 4-25-75. Comp. 5-22-75. TD 1020'. Water input. Robinson, top 997'. Main Consol.
- 15, SE NE SE. Don W. Slater #8-W Grant Briggs. Conversion. Was Robinson sand producer. Comp. 11-10-75 (est.). COTD 1015'. Water input. Robinson, top 970'. Main Consol.
- 31, 330'NL, 644'EL, SE. IL Oil Investments, Inc. #1 Mallory-McCullough-Wood Lease. Spd. 2-2-77. Comp. 12-13-77. TD 4300'. IP 10 BOP/15 BW. Trenton, top 41 2/3', acid and frac. Main Consol.

8N, 12W

- 32, SW NE SW. Bellair Oil Co. #4 Richards-Novosel. Spd. 3-10-77. Comp. 10-31-77. TD 1080'. IP 10 BOP/45 BW. Robinson, top 997'. Main Consol.
- 32, SW SW NE. Used Oilfield Equipment #1 Schutte-Biddle. Spd. 9-8-77. Comp. 11-10-77. TD 1066'. IP 4 BOP/65 BW. Robinson, top 1012', frac. Main Consol.

CRAWFORD COUNTY (continued)

SN, 12W

- 32, NW SW NE. Used Oilfield Equipment #2 Schutte-Biddle. Spd. 12-21-76. Comp. 11-3-77. TD 1080'. IP 4 BOP/35 BW. Robinson, top 1038', frac. Main Consol.
- 32, SE SW NE. Used Oilfield Equipment #3 Schutte-Biddle. Spd. not available. Comp. 10-7-77. TD 1080'. IP 3 BOP/125 BW. Robinson, top 1045', frac. Main Consol.
- 32, SE NE NW. Used Oil Field Equipment #5 Clarence Schutte. Spd. 11-23-76. Comp. 3-30-77. TD 1348'. IP 3 BOP/125 BW. Robinson, top 1007', frac. Main Consol.
- 32, NE NE NW. Used Oil Field Equipment #6 Clarence Schutte. Spd. 12-8-76. Comp. 7-15-77. TD 1072'. IP 3 BOP/125 BW. Robinson, top 1007', frac. Main Consol.
- 32, SW NE NW. Used Oil Field Equipment #7 Clarence Schutte. Spd. 11-9-76. Comp. 4-29-77. TD 1075'. IP 3 BOP/125 BW. Robinson, top 1015', frac. Main Consol.
- 32, NW NE NW. Used Oil Field Equipment #8 Clarence Schutte. Spd. 12-17-76. Comp. 7-8-77. TD 1080'. IP 3 BOP/125 BW. Robinson, top 1017', frac. Main Consol.
- 32, 297'SL, 330'WL, NW. Used Oilfield Equipment #9 Clarence L. Schutte. Spd. 1-5-77. Comp. 9-21-77. TD 1063'. IP 3 BOP/125 BW. Robinson, top 1006', frac. Main Consol.

CUMBERLAND COUNTY

10N, 10E

- 1, SW NW SE. Marathon Oil Co. 1P45 S. S. Yanaway. Abd. loc. Siggins.

DE WITT COUNTY

21N, 5E

- 30, SW SE SE. John Fawcett #1 Mona Kirby. Spd. 11-21-77. Comp. 11-23-77. TD 717'. D&A. Sonora, top 673'. WN - Parnell.

EDGAR COUNTY

12N, 14W

- 11, SE SW SE. Earnest Zink #1 Wheeler-Leming Comm. Spd. 11-7-77. Comp. 11-25-77 (est.). TD 465'. SIGW. Pennsylvanian, top 459'. Inclose.
- 14, SW NW NE. Earnest Zink #6 Wheeler. Spd. 9-26-77. Comp. 10-5-77. TD 450'. Gas well, IP not available. Pennsylvanian, top 435'. Inclose.

EDWARDS COUNTY

1N, 10E

- 8, NW NW NW. Energy Resources Corp. #1 E. Knackmuhs. Abd. loc. Maple Grove Consol.

EDWARDS COUNTY (continued)

1N, 10E

22, 370'SL, 330'EL, NW SW. Spartan Petroleum Co. #2 Harris Comm. Spd. 10-22-77. Comp. 11-29-77. TD 3320'. IP 20 BOP/2 BW. McClosky, top 3277', acid. Samsville West.

22, 330'SL, 430'WL, SE NE. Spartan Petroleum Co. #1 Maves Unit. Spd. 9-1-77. Comp. 10-24-77. TD 4150'. IP 20 BOP/5 BW. McClosky, top 3296', acid. Samsville West.

23, SW SW SW. Independent Oil Co. #1 Calvin King. Spd. 9-6-77. Comp. 11-18-77. TD 4200'. IP 75 BOP/15 BW. McClosky, top 3322', acid. Samsville West.

23, 330'SL, 550'WL, NW. Spartan Petroleum Co. #1 Robert Koertge. Spd. 8-20-77. Comp. 12-10-77. TD 4126'. IP 25 BOP/5 BW. McClosky, top 3264', frac.; Salem, top 3860', acid. Samsville West.

23, C W/2 NW SW. Spartan Petroleum Co. #1 Taylor Equipment Co. Spd. 10-19-77. Comp. 11-6-77. TD 4152'. D&A. Ullin, top 3870'. Samsville West.

1N, 14W

Irr. 6, 990'NL, 330'WL, NE SE. Viking Oil Co. #1 Clyde Hedrick. Spd. 9-23-77. Comp. 11-1-77 (est.). TD 4034'. IP 70 BOP/0 BW. Ohara, top 3084', acid. Parkersburg Consol.

1S, 10E

25, 345'SL, 330'EL, NE SE. Charles C. White #1 Delbert Bunting. Spd. 11-19-77. Comp. 11-28-77. TD 3246'. D&A. Ste. Genevieve, top 3131'. Albion Consol.

1S, 14W

4, NE NW SE. Louis A. Pessina #4 Russell Koertge. Spd. 11-9-77. Comp. 11-18-77. TD 3656'. D&A. Salem, top 3390' (approx.). Bone Gap East.

Irr. 30, 330'NL, 330'EL, NE. Ram Oil Co. #2 Hallie Flick. Spd. 10-5-77. Comp. 11-29-77. TD 3140'. IP 5 BOP. Spar Mountain, top 3088', acid. Bone Gap Consol.

2S, 10E

12, NW NW NE. Saber Oil Construction & Operating Co. #1 City of Albion Comm. Spd. 11-3-77. Comp. 12-4-77. TD 3190'. IP 48 BOP/0 BW. McClosky, top 3186', nat. Albion Consol.

31, SE NE NW. Robinson Production, Inc. #2 I. Woodham. OWWO. Conversion. Was Paco Petroleum Co. #2 I. Woodham. Was D&A. OTD 3341'. Comp. 6-3-52. Recomp. 10-15-77. COTD 3335'. Water input. Aux Vases, top 3188'; McClosky, top 3306'. Goldengate Consol.

32, NW NE NE. Ram Oil Co. #1 Noel Everett. Spd. 10-19-77. Comp. 10-29-77. TD 3340'. D&A. Ste. Genevieve, top 3254'. Goldengate Consol.

EDWARDS COUNTY (continued)

2S, 14W

- 28, NW NW SE. John M. Zanetis #4 Siegert-Fortney Comm. Spd. 10-29-77.
Comp. 11-2-77. TD 2925'. D&A. Bethel, top 2865' (approx.).
Albion East.

3S, 14W

- 17, 330'NL, 330'WL, SW. Ellis J. Shepard #1 Mable Toops. Spd.
11-19-77. Comp. 11-21-77. TD 2372'. D&A. Waltersburg, top
2340' (approx.). WN - Phillipstown Consol.

EFFINGHAM COUNTY

6N, 6E

- 16, NE SW NW. Leslie Mason #1-A Bushue. Spd. 11-23-77. Comp. 11-30-77.
TD 2595'. D&A. Ste. Genevieve, top 2540' (approx.). Hill.

8N, 4E

- Irr. 6, 330'NL, 330'WL, NE. Tri-Star Producing, Inc. #1 Durbin. Spd.
2-16-77. Comp. 12-13-77. TD 3160'. IP 1 BOP/lots of water.
Devonian, top 3112', frac. Louden.

- 8, SW SW NW. Mid-Continent Energy Co., Inc. #1 Taphorn. Spd. 12-10-77.
Comp. 12-24-77. TD 3210'. D&A. Devonian, top 3150' (approx.).
WN - Louden.

9N, 4E

- 29, SW SE NW. Shelby A. & Sylvia Britton #1 McKay. Spd. 4-1-77.
Comp. 12-13-77. TD 3242'. IP 1 BOP (est.). Devonian, top 3137',
frac. EXTENSION TO LOUDEN FIELD.

- 30, 460'SL, 330'WL, SE SE. Tri-Star Producing Co., Inc. #1 Miller Comm.
Spd. 10-21-77. Comp. 12-13-77. TD 3130'. IP 40 BOP. Devonian,
top 3118'. Louden.

- 31, 430'SL, 330'WL, NW SE SE. Tri-Star Producing, Inc. #1 Hamilton
Comm. Spd. 5-20-77. Comp. 12-13-77. TD 3196'. IP 3 BOP.
Devonian, top 3124', frac. and mca. Louden.

- 31, 405'SL, 330'EL, SW SE NW. Tri-Star Prod. Co., Inc. #2 Ryan. Spd.
12-17-76. Comp. 12-13-77. TD 3127'. IP 10 BOP. Devonian, top
3104'. Louden.

FAYETTE COUNTY

7N, 3E

- 9, 330'NL, 380'EL, NW SW. W. L. Belden #6 B. F. Owen. Spd. 10-08-76.
Comp. 10-28-77. TD 1768'. IP 6 BOP/45 BW. Bethel, top 1547',
frac. Louden.

- 21, 825'NL, 165'WL, NE. M. L. Niemeyer #2 Tucker. Conversion. Was
Luttrell & Holleman #2 Tucker. Was Cypress producer. Comp.
10-1-76 (est.). COTD 1537'. SWD. Cypress, top 1512'.
Louden.

FAYETTE COUNTY (continued)

8N, 3E

1, SW NW NE. Exxon Corp. #4 A. W. St. Pierre. OWDD. Was Carter Oil Co. #4 A. W. St. Pierre. Was Cypress producer. OTD 1537'. Comp. 11-26-40. Recom. 11-27-77. DTD 1664'. IP 7 BOP/185 BW. Cypress, top 1482'; Bethel, top not available; Benoist, top not available, frac. Louden.

16, 330'SL, 387'EL, NW NE. Natural Gas Pipeline Co. of Am. #1-D Clinton Miller. Conversion. Was Franks Petr. Exploration #1 Miller. Was Cypress and Benoist producer deepened to Devonian producer. OTD 3127'. Comp. 8-4-73. Recom. 6-11-75. COTD 3127'. Gas storage observation. Devonian, top 3090'. Louden.

34, NW SW SE. M. L. Niemeyer #1 Delassus. Spd. 8-4-77. Comp. 8-9-77. TD 3280'. IP 379 MCFG/day. Devonian, top 3244', nat. Louden.

FRANKLIN COUNTY

5S, 3E

1, NW NW SW. C. E. Brehm Drlg. & Prod. #1 Clark. Spd. 12-11-76. Comp. 2-10-77 (est.). TD 3979'. IP 40 BOP/0 BW. Ullin, top 3972', nat. Ewing East.

1, SW NE SW. C. E. Brehm Drlg. & Prod. #1 Field. OWWO. OWDD. Was K. Bayer #1 T. W. Fields. Was D&A. OTD 3110'. Comp. 7-31-56. Recom. 1-16-77. DTD 4013'. IP 60 BOF. Ullin, top 3946', nat. Ewing East.

2, 330'NL, 390'EL, SE SE. C. E. Brehm Drlg. & Prod. #1 Manis. OWWO. OWDD. Was K. M. Bayer #1 S. L. Manis. Was D&A. OTD 3119'. Comp. 7-3-56. Recom. 3-1-77 (est.). DTD 3980'. IP 50 BOF. Ullin, top 3955'. Ewing East.

2, NW NE SE. C. E. Brehm Drlg. & Prod. #1 Stone. Spd. 1-8-77. Comp. 3-1-77 (est.). TD 3970'. IP 60 BOP. Ullin, top 3935', nat. Ewing East.

5S, 4E

16, NE NW NW. C. E. Brehm Drlg. & Prod. #2 Threlkeld. Spd. 1-6-77. Comp. 3-1-77. TD 3968'. IP 25 BOP/0 BW. Ullin, top 3940', nat. Taylor Hill.

6S, 1E

2, 440'NL, 1720'EL, NE. Fletcher F. Farrar #1 Burlington Northern-Greenwood. Spd. 9-16-77. Comp. 11-22-77. TD 4492'. IP 36 BOP. Devonian, top 4394', mca and acid. Sesser Consol.

6S, 2E

36, 1125'NL, 170'WL, NE. Shell Oil Co. #A Benton Maraflood Mini Test. Spd. 10-5-77. Comp. 10-12-77. TD 2201'. Observation well. Tar Springs, top 2105' (approx.). Benton.

FRANKLIN COUNTY (continued)

6S, 2E

- 36, 1125'NL, 225'WL, NE. Shell Oil Co. #B Benton Maraflood Mini Test.
Spd. 10-14-77. Comp. 10-21-77. TD 2190'. Observation well.
Tar Springs, top 2105' (approx.). Benton.
- 36, 1090'NL, 130'WL, NE. Shell Oil Co. #C Benton Maraflood Mini Test.
Spd. 11-1-77. Comp. 11-6-77. TD 2200'. Observation well.
Tar Springs, top 2105' (approx.). Benton.
- 36, 1177'NL, 120'WL, NE. Shell Oil Co. #D Benton Maraflood Mini Test.
Spd. 10-23-77. Comp. 10-30-77. TD 2200'. Observation well.
Tar Springs, top 2101' (approx.). Benton.

GALLATIN COUNTY

7S, 9E

- 23, 330'SL, 380'EL, SW NW. Absher Oil Co. #3 C. H. Boyd. OWWO. Was
Red Bank Oil Co. #3 C. H. Boyd. Was D&A. OTD 2925'. Comp.
12-4-45. Recom. 5-05-77. COTD 2900'. IP 2 BOP/30 BW.
Tar Springs, top 2400'. Herald Consol.
- 24, SE NW NE. Joe A. Dull #1 Bayley. OWWO. Was Cities Service #4 J.
Bayley. Aux Vases producer. OTD 2945'. Comp. 12-9-47. Recom.
11-29-77. COTD 2945'. D&A. Aux Vases, top 2922'. Herald
Consol.

8S, 10E

- 2, NW SE SW. George Mitchell Drlg. Contractor #2 Barn. Spd. 11-7-77.
Comp. 11-15-77. TD 3105'. D&A. St. Louis, top 2850' (approx.).
Inman East Consol.
- 17, SW NE SW. C. E. Brehm Drlg. & Prod. #1 Fuhrer. Spd. 8-6-77. Comp.
8-22-77. TD 2856'. IP 100 BOP. Aux Vases, top 2726', frac.
Inman East Consol.
- 19, NE SW NE. C. E. Brehm Drlg. & Prod. #1 Seely. Spd. 11-13-77.
Comp. 11-19-77. TD 2850'. D&A. Ste. Genevieve, top 2760'
(approx.). Inman West Consol.
- 20, NW SW NW. C. E. Brehm Drlg. & Prod. #2 Wabash. Spd. 11-30-77.
Comp. 12-6-77. TD 2828'. D&A. Ste. Genevieve, top 2757' (approx.).
Inman West Consol.

GREENE COUNTY

10N, 13W

- 12, SE SW NE. John Murphy #1 Wolfley. Spd. 8-1-77. Comp. 11-12-77.
TD 724'. D&A. Trenton, top 650' (approx.). WF.

HAMILTON COUNTY

6S, 7E

- 27, C E/2 NW SW. Duke Resources Corp. #1 Bonan. Spd. 5-13-77. Comp.
11-11-77. TD 4269'. IP 580 BOP. Ullin, top 4180'. Broughton.
NEW PAY IN FIELD.

HAMILTON COUNTY (continued)

6S, 7E

27, C N/2 SE SW. Duke Resources Corp. #2 Van Winkle. Spd. 4-29-77.
Comp. 11-23-77. TD 4446'. IP 245 BOP. Ullin, top 4216'.
Broughton.

34, C N/2 NE NW. Duke Resources Corp. #1 Short-Woody. Spd. 9-2-77
(est.). Comp. 11-9-77. TD 4286'. IP 42 BOP. Ullin, top 4186',
acid and frac. Broughton.

35, NE SE NW. William R. & Phyllis Becker #1 Burl Miller. Spd.
12-13-77. Comp. 12-23-77. TD 4301'. D&A. Ullin, top 4175'
(approx.). WN - Broughton.

36, NE NE SW. Duke Resources Corp. #1 J. West. Spd. 11-2-77. Comp.
11-13-77. TD 4250'. D&A. Ullin, top 4180'. WF.

JASPER COUNTY

5N, 10E

16, SW SW NE. Dr. Kent L. Wattleworth & Walter L. Bunn #2 Frohning.
Abd. loc. Clay City Consol.

6N, 11E

Irr. 6, 330'NL, 330'WL, NW. Robert B. Britton #2 Postlewait. Spd.
7-15-77. Comp. 8-30-77. TD 2694'. IP 3 BOP/12 BW. St. Louis,
top 2684'. Clay City Consol.

JEFFERSON COUNTY

1S, 4E

2, NW NE NW. Louis H. Kapp, Jr. #1 Clarence Davis. OWWO. OWDD. Was
Louis H. Kapp, Jr. #1 Michael-Byars Unit. Was D&A. OTD 2961'.
Comp. 9-2-58. Recomp. 11-27-77. DTD 3480'. D&A. Salem,
top 3142'. WF.

16, NE SW NE. John Dunnill #1 Lawrence Eller. Conversion. Was
McClosky producer. Comp. 5-13-76. COTD 2930'. Water input.
McClosky, top 2831'. Divide Consol.

18, NW SE SE. Louis H. Kapp, Jr. #1 Warren et al. Spd. 10-15-77.
Comp. 12-6-77. TD 3420'. IP 120 BOP. Salem, top 3112', acid.
Divide Consol.

24, SE SE NE. The Stone Oil Co. #5 Lora Donoho. Spd. 11-10-77. Comp.
12-10-77. TD 3607'. IP 45 BOP/45 BW. Salem, top 3480', acid.
Coil West.

2S, 4E

3, NW SW NE. Van Fossan Assoc. #1 Barczewski et al. Spd. 12-12-77.
Comp. 12-19-77. TD 3630'. D&A. Salem, top 3200' (approx.).
Oakdale North.

4S, 3E

12, SW SW NW. C. E. Brehm Drlg. & Prod. #1 Bernard-Hughes. Spd.
10-06-77. Comp. 10-16-77. TD 3942'. IP 100 BOF. McClosky,
top 3077', nat. DISCOVERY OF SPRING GARDEN FIELD.

JEFFERSON COUNTY

4S, 3E

- 12, SW SE NE. C. E. Brehm Drlg. & Prod. #1 Edmison. Spd. 11-28-77.
Comp. 12-6-77. TD 3235'. D&A. Ste. Genevieve, top 3020' (approx.).
WN - Spring Garden.

LAWRENCE COUNTY

3N, 11W

- 20, 168'SL, 617'EL, NW. Payne Brothers #1 Nancy H. Ackman. OWWO. Was
The Texas Co. #1 E. Ackman. Was D&A. OTD 1977'. Comp. 10-10-50.
Recomp. 11-2-77. COTD 1982'. D&A. St. Louis, top 1967'.
Lawrence.

- 26, SW NW SE. Russ Randall, Inc. #1 G. Doll. Spd. 11-1-77. Comp.
11-9-77. TD 2563'. D&A. Ullin, top 2540' (approx.). Beman.

3N, 12W

- 17, C NW SW. Marathon Oil Co. #60 W. E. Finley. Spd. 5-10-77. Comp.
9-31-77. TD 1480'. Trace of oil, 590 BW. Buchanan, top 1340',
acid. Lawrence.

3N, 13W

- 11, SE SE SE. Reinhold Oil Producers #4 M. Staats Comm. Spd. 12-14-76.
Comp. 10-22-77. TD 2296'. IP 28 BOP/65 BW. McClosky, top 2240',
mca and frac. Lawrence West.

4N, 12W

- 29, 10'NL, 660'WL, SW. Marathon Oil Co. #TB-25 J. B. Lewis. Spd.
6-17-76. Comp. 7-15-76 (est.). TD 1402'. Water input. Bridge-
port, top 814'; Cypress, top 1307'. Lawrence.

- 29, 1333'SL, 650'WL, SW. Marathon Oil Co. #TB-27 J. B. Lewis. Spd.
6-22-76. Comp. 7-22-76 (est.). TD 1043'. Water input. Bridge-
port, top 855'. Lawrence.

- 29, C S/2 SW. Marathon Oil Co. #UB-28 J. B. Lewis. Spd. 7-15-76.
Comp. 8-15-76 (est.). TD 1100'. Water input. Bridgeport, top
895'. Lawrence.

- 30, C SE SE. Marathon Oil Co. #KB-28 L. D. Sutton. Spd. 7-19-76.
Comp. 8-20-76. TD 1095'. Water input. Bridgeport, top 920'.
Lawrence.

LIVINGSTON COUNTY

30N, 3E

- 29, 102'NL, 139'WL, SW. Northern Illinois Gas Co. #11 Cullen. Spd.
5-29-77. Comp. 10-31-77. TD 2546'. Gas injection/withdrawal.
Mt. Simon, top 2243'. Ancona Gas Storage Field.

- 29, 66'NL, 150'WL, NE SE. Northern Illinois Gas Co. #4 Jacobs. Spd.
6-16-77. Comp. 9-29-77. TD 2700'. Gas injection/withdrawal.
Mt. Simon, top 2434'. Ancona Gas Storage Field.

LIVINGSTON COUNTY (continued)

30N, 3E

- 30, 66'NL, 350'WL, SW NW. Northern Ill. Gas Co. #3 A. White. Spd.
7-9-77. Comp. 11-8-77. TD 2655'. Gas injection/withdrawal.
Mt. Simon, top 2298'. Ancona Gas Storage Field.
- 30, 66'NL, 325'WL, SW NW. Northern Ill. Gas Co. #203 A. White. Spd.
8-1-77. Comp. 8-4-77. TD 420'. Gas withdrawal. Galena, top 270'.
Ancona Gas Storage Field.
- 31, 91'NL, 33'EL, NW NW. Northern Ill. Gas Co. #1 Kovacevich. Spd.
6-19-77. Comp. 11-9-77. TD 2612'. Gas injection/withdrawal.
Mt. Simon, top 2280'. Ancona Gas Storage Field.
- 31, 332'NL, 66'EL, NW. Northern Ill. Gas Co. #2 Kovacevich. Spd.
7-8-77. Comp. 10-31-77. TD 2620'. Gas injection/withdrawal.
Mt. Simon, top 2269'. Ancona Gas Storage Field.

MCLEAN COUNTY

24N, 2E

- 11, 124'NL, 150'WL, NE NE. Northern Ill. Gas Co. #3 McGuire. Spd.
2-23-77. Comp. 5-27-77. TD 4227'. Gas injection/withdrawal.
Mt. Simon, top 3852'. Hudson Gas Storage Field.
- 2, 150'NL, 154'WL, SW SE. Northern Ill. Gas Co. #2 R. Killian. Spd.
2-3-77. Comp. 6-15-77. TD 4212'. Gas injection/withdrawal.
Mt. Simon, top 3843'. Hudson Gas Storage Field.
- 11, 124'NL, 66'WL, NE. Northern Ill. Gas Co. #4 McGuire. Spd.
2-27-77. Comp. 6-14-77. TD 4239'. Gas injection/withdrawal.
Mt. Simon, top 3869'. Hudson Gas Storage Field.
- 2, 66'SL, 100'WL, NE NW. Northern Ill. Gas Co. #4 Bates. Spd. 12-9-76.
Comp. 6-17-77. TD 4230'. Gas injection/withdrawal. Mt. Simon,
top 3862'. Hudson Gas Storage Field.
- 1, C SE NW. Northern Ill. Gas Co. #8 Grimes. Spd. 11-15-76. Comp.
6-13-77. TD 4203'. Gas injection/withdrawal. Mt. Simon, top
3817'. Hudson Gas Storage Field.
- 1, 660'NL, 760'WL, SW NW. Northern Ill. Gas Co. #9 Grimes. Spd.
11-6-76. Comp. 5-26-77. TD 4114'. Gas injection/withdrawal.
Mt. Simon, top 3834'. Hudson Gas Storage Field.

25N, 2E

- 35, 108'SL, 125'WL, SW. Northern Ill. Gas Co. #2 Raycraft. Spd.
11-12-76. Comp. 6-29-77. TD 4213'. Gas injection/withdrawal.
Mt. Simon, top 3876'. Hudson Gas Storage Field.
- 35, 150'NL, 66'EL, SE SW. Northern Ill. Gas Co. #3 Raycraft. Spd.
12-1-76. Comp. 6-28-77. TD 4188'. Gas injection/withdrawal.
Mt. Simon, top 3834'. Hudson Gas Storage Field.

MCLEAN COUNTY (continued)

25N, 3E

- 13, 150'NL, 66'EL, SW SW. Northern Ill. Gas Co. #1 Brokaw. Spd.
3-19-77. Comp. 8-19-77. TD 4115'. Gas injection/withdrawal.
Mt. Simon, top 3753'. Lexington Gas Storage Field.
- 13, 100'SL, 66'EL, SW SW. Northern Ill. Gas Co. #2 Brokaw. Spd.
4-22-77. Comp. 8-22-77. TD 4137'. Gas injection/withdrawal.
Mt. Simon, top 3770'. Lexington Gas Storage Field.
- 13, 322'NL, 41'WL, NE SW. Northern Ill. Gas Co. #1 Dawson Cemetery.
Spd. 3-7-77. Comp. 8-22-77. TD 4125'. Gas injection/withdrawal.
Mt. Simon, top 3742'. Lexington Gas Storage Field.
- 13, 66'NL, 100'WL, NE NW. Northern Ill. Gas Co. #1 Peine. Spd.
6-5-76. Comp. 5-11-77. TD 4082'. Gas injection/withdrawal.
Mt. Simon, top 3739'. Lexington Gas Storage Field.
- 13, 66'NL, 100'EL, NW. Northern Ill. Gas Co. #2 Peine. Spd. 7-1-76.
Comp. 5-16-77. TD 4120'. Gas injection/withdrawal. Mt. Simon,
top 3756'. Lexington Gas Storage Field.
- 14, 147'SL, 21'WL, SE. Northern Ill. Gas Co. #4 Finks. Spd. 4-24-77.
Comp. 8-3-77. TD 4123'. Gas injection/withdrawal. Mt. Simon,
top 3740'. Lexington Gas Storage Field.
- 14, 100'NL, 66'WL, NW. Northern Ill. Gas Co. #1 Moore. Spd. 5-20-77.
Comp. 9-26-77. TD 4120'. Gas injection/withdrawal. Mt. Simon,
top 3763'. Lexington Gas Storage Field.
- 14, 100'NL, 66'WL, SW NW. Northern Ill. Gas Co. #2 Moore. Spd.
4-25-77. Comp. 8-18-77. TD 4132'. Gas injection/withdrawal.
Mt. Simon, top 3771'. Lexington Gas Storage Field.
- 14, 100'NL, 66'WL, SW. Northern Ill. Gas Co. #3 Moore. Spd. 3-17-77.
Comp. 8-4-77. TD 4114'. Gas injection/withdrawal. Mt. Simon,
top 3775'. Lexington Gas Storage Field.
- 14, 170'NL, 0'WL, NE NW. Northern Ill. Gas Co. #7 Pyne. Spd. 2-10-77.
Comp. 8-2-77. TD 4098'. Gas injection/withdrawal. Mt. Simon,
top 3727'. Lexington Gas Storage Field.
- 23, 100'SL, 66'EL, NE NE. Northern Ill. Gas Co. #3 Brokaw. Spd.
3-26-77. Comp. 8-23-77. TD 4142'. Gas injection/withdrawal.
Mt. Simon, top 3784'. Lexington Gas Storage Field.

MADISON COUNTY

6N, 6W

- 22, NE SW NW. John T. Mitchell #3-A Sievers. Spd. 11-28-77. Comp.
12-15-77. TD 586'. D&A. Pennsylvanian, top 570' (est.).
Livingston South.
- 27, 330'NL, 950'WL, SW NE. Fairfield Oil Co. #17 Blom. Spd. 11-4-77.
Comp. 11-23-77. TD 595'. D&A. Pennsylvanian, top 576'.
Livingston South.

MARION COUNTY

1N, 2E

Irr. 7, 70'NL, 590'EL, NE. Texaco, Inc. #10 W. B. Carr "B", Salem Unit Tract 186. Spd. 10-21-77. Comp. 11-30-77. TD 3417'. IP 58 BOP/190 BW. Devonian, top 3370', acid. Salem Consol.

Irr. 7, 1350'NL, 660'EL, NE. Texaco, Inc. #31 G. S. Johnson "A", Salem Unit Tract 187. Spd. 9-13-77. Comp. 10-30-77. TD 3515'. IP 103 BOP/20 BW. Devonian, top 3400', acid. Salem Consol.

1N, 3E

30, 330'NL, 330'EL, NW SW. G.A.M. Oil Co. #1 Pitts. Spd. 6-15-76. Comp. 9-1-76. TD 2946'. IP 12 BOP/80 BW. Salem, top 2655', acid. EXTENSION TO KELL NORTH. (This well was erroneously run as D&A in the November 1977 Drilling Report.)

1N, 4E

28, NE NE SW. Pogo Petroleum, Inc. #1 Wisnewski. Spd. 11-29-77. Comp. 12-6-77. TD 3465'. D&A. Salem, top 3153'. WN - Exchange East.

2N, 1E

21, SW NW NW. E. Homer Jahn #2 Spieser et al. Abd. loc. WF.

2N, 2E

31, 291'SL, 362'WL, NW NE. Texaco, Inc. #25 K. Wayman, O/A Salem Unit, Tract 92. OWWO. Conversion. Was Devonian producer, deepened to Trenton producer, converted to Aux Vases water input, then temp. abd. Comp. 11-16-77. COTD 2002'. Water input. St. Louis, top 1992'. Salem Consol.

3N, 4E

8, SE NW NW. Robert H. Evans #1 Rose. Spd. 4-27-76. Comp. 9-15-76. TD 2659'. D&A. St. Louis, top 2647'. Omega.

MONTGOMERY COUNTY

8N, 5W

15, SW SE SE. MP Gas & Oil Exploration #1 Klekamp. Spd. 7-20-67 (est.). Comp. 8-20-67 (est.). TD 670'. Temp. abd. Pennsylvanian, top 650' (approx.). Litchfield South.

15, NW SE SE. MP Gas & Oil Expl. #3 Klekamp. Spd. 8-6-67. Comp. 10-1-67. TD 670'. Temp. abd. Pennsylvanian, top 668' (est.). Litchfield South.

POPE COUNTY

14S, 5E

10, SE SW SE. Milo Ditterline #2 Milo Ditterline. Spd. 9-28-77. Comp. 10-10-77. TD 880'. D&A. Renault, top 870' (approx.). WF.

RANDOLPH COUNTY

4S, 6W

12, 400'SL, 330'EL, SE NW. Elmer Oelze, Jr. #1 Virgil Hoffman. OWWO. Was Homeier Oil Enterprises, Inc. #1 Virgil Hoffman. Was D&A. OTD 2135'. Comp. 4-9-76. Recom. 12-5-77. COTD 2135'. IP 5 BOP/trace of water. Silurian, top 2022'. Tilden North.

RANDOLPH COUNTY (continued)

4S, 6W

- 12, 390'NL, 385'WL, SW NE. Elmer Oelze, Jr. #1 Patton. Spd. 7-5-77.
Comp. 12-12-77. TD 2141'. IP 8 BOP/8 BW. Silurian, top 2016'.
Tilden North.

5S, 7W

- 25, SE NW NW. Leonard Bixby #1 Hennrich. Spd. 10-25-77. Comp.
11-28-77. TD 2033'. D&A. Trenton, top 2000' (approx.). WF.

RICHLAND COUNTY

3N, 10E

- 2, C E/2 NW SE. Black and Black Oil Co. #1 Nichols. Spd. 11-7-77.
Comp. 11-20-77. TD 4001'. D&A. Ullin, top 3940' (approx.).
WN - Olney South.

4N, 9E

- 25, NE NW NW. Union Oil Co. of California #B-5 Howard Cazel. OWDD.
Was Cypress producer. OTD 2582'. Comp. 11-29-77. DTD 3023'.
IP 8 BOP/16 BW. McClosky, top 2905'. Clay City Consol.

4N, 10E

- 4, SW NW NW. John M. Zanetis #3 Gerald Kermicle. Conversion. Was
McClosky producer. Comp. 8-1-76 (est.). COTD 2994'. Water
input. McClosky, top 2895'. Clay City Consol.

- 10, SW SE SE. J. E. Brown #3 C. O. Winter. Spd. 5-26-77. Comp.
12-20-77. TD 3142'. IP 20 BOP. Aux Vases, top 2930'. Olney
Consol.

4N, 14W

- 16, NE SE NE. Rector & Stone Drlg. Co. #1 Rennier Comm. OWWO. OWDD.
Was Sun Oil Co. #1 J. Rennier. Was D&A. OTD 3203'. Comp. 2-2-43.
Recomp. 8-26-77. DTD 3873'. IP 4 BOP/10 BW. Aux Vases,
top 3052'; McClosky, top 3145'. EXTENSION TO AMITY FIELD.
AUX VASES NEW PAY IN FIELD.

5N, 10E

- 33, C N/2 SW SW. John M. Zanetis #1-W Bridges Cons. Conversion. Was
Spar Mountain and St. Louis producer. Comp. 6-1-76 (est.). COTD
2962'. Water input. Spar Mountain, top 2879'; St. Louis,
top 2952'. Clay City Consol.

ST. CLAIR COUNTY

1N, 10W

- Projected 33, 107'SL, 550'WL, NE NE. Victor Nettle #1 Nettle SWD.
Conversion. Was D&A. Temp. abd. OTD 3111'. Comp. 4-23-70.
Recomp. 3-75. TD 3086'. SWD. St. Peter, top 974';
Mt. Simon, top 3086'. Dupo.

SALINE COUNTY

8S, 5E

- 26, 310'NL, 400'WL, SW SW. Emerson Welker #1 Choisser-Wilhite. Spd.
9-11-74. Comp. 9-18-74. TD 3090'. D&A (SO). Sté. Genevieve,
top 2970'. Harco East.

SANGAMON COUNTY

14N, 3W

Irr. 6, 990'SL, 330'EL, SW. Hale Resources & Energy Co. #1-A Virgel A. Hawk Jr. Spd. 11-9-76. Comp. 11-29-77. TD 1745'. D&A. Silurian, top 1697'. Edinburg West.

16N, 2W

26, SW SE NE. Homeier Oil Enterprises #1 Pritchett Comm. Spd. 6-25-75. Comp. 7-8-75. TD 1540'. SWD. Burlington, top 1510'. Illiopolis.

TAZEWELL COUNTY

24N, 2W

28, NE NW SE. Robert F. Garland #1 Greening. Spd. 12-4-76. Comp. 12-8-76. TD 1145'. D&A. Silurian, top 1130' (approx.). WF.

WABASH COUNTY

1N, 11W

8, 990'NL, 4930'WL, of Lot #3 of Location #1. M & M Operating Co. #3 Yelch et al. Spd. 12-4-77. Comp. 12-9-77. TD 2110'. D&A. Ste. Genevieve, top 2086'. Allendale.

1N, 12W

16, SE SE NW. Southern Triangle Oil Co. #1 Cozine. Spd. 11-25-77. Comp. 12-8-77. TD 2830'. D&A. Salem, top 2810' (est.). Allendale.

21, NW NE NW. Raymond Brinkley #1 Haase. Spd. 10-7-77. Comp. 11-10-77. TD 3016'. IP 8 BOP/4 BW. St. Louis, top 2586'. Allendale.

23, C N/2 NE SE. A. M. Energy, Inc. #1 Chapman Trust et al. Unit. Spd. 1-23-77. Comp. 12-13-77. TD 1494'. IP 2 BOP/20 BW. Biehl, top 1473', mca. Allendale.

24, C S/2 SE NW. Whiteside Oil Co. #1 Whiteside Unit-Armstrong. Spd. 7-12-77. Comp. 7-16-77. TD 1492'. IP 3 BOP/80 BW. Biehl, top 1457', mca and frac. Allendale.

1N, 13W

25, NE SW NW. Viking Oil Co. #1 Dunkel Comm. Spd. 10-19-77. Comp. 10-23-77. TD 1750'. D&A. Biehl, top 1646'. WN - New Harmony Consol.

25, 421'NL, 330'WL, NE NW. Viking Oil Co. #1 Smith-Knowles et al. Unit. Spd. 11-25-77. Comp. 11-29-77. TD 1726'. D&A. Biehl, top 1720' (approx.). WN - Allendale.

1S, 13W

32, 330'SL, 360'WL, SW. Southern Triangle Oil Co. #1 Fern G. Alka. Spd. 12-12-77. Comp. 12-19-77. TD 3480'. D&A. Salem, top 3230' (approx.). New Harmony Consol.

1S, 14W

27, SE NW SW. Petro-Search Associates, Inc. #1-P Henry Hering. Spd. 11-20-77. Comp. 12-2-77. TD 3700'. D&A. Salem, top 3380' (est.). Browns.

WABASH COUNTY (continued)

1S, 14W

34, 330'SL, 530'EL, NE NW. Gilbert A. Higgins #1 Hering et al. Unit.
Spd. 11-17-77. Comp. 11-23-77. TD 3063'. D&A. McClosky, top
3020' (approx.). Browns.

34, NE NW SE. Charles C. White #1 Carl Raber. Spd. 11-10-77. Comp.
11-17-77. TD 2805'. D&A. Bethel, top 2785' (approx.). Browns.

2S, 13W

Irr. 3, 614'NL, 330'EL, NW. Earnest I. Barker #1 Epler Heirs. OWWO.
Was D&A. OTD. 2682'. Comp. 6-8-69. Recomp. Comp. 11-15-77. COTD
2686'. D&A. McClosky, top 2658'. New Harmony Consol.

Irr. 31, 330'SL, 330'EL, SW NE. Sigma Oil Co. #6 Winiford Gray. Spd.
8-9-77. Comp. 11-1-77. TD 2887'. IP 30 BOP/trace of water.
Cypress, top 2482', frac. New Harmony Consol.

2S, 14W

10, SE SE SE. Jack & Fred Hocking #1 Fred Hocking. Spd. 12-10-77.
Comp. 12-17-77. TD 2983'. D&A. Ste. Genevieve, top 2920'
(approx.). Browns East.

11, SW SE SW. Hocking Oil Co., Inc. #1 Harold Bosecker. Spd. 11-23-77.
Comp. 12-01-77. TD 3660'. D&A. Salem, top 3360' (est.). Browns
East.

11, SE SW SW. Hocking Oil Co., Inc. #1 Walter Bosecker. Spd. 10-30-77.
Comp. 12-20-77. TD 2960'. IP 125 BOP. Spar Mountain, top 2950'.
Browns East.

14, SW SW NE. Kendra Corp. #1 Chris Bosecker et al. Spd. 11-14-77.
Comp. 11-29-77. TD 3595'. D&A. Salem, top 3350' (approx.).
Browns East.

WASHINGTON COUNTY

3S, 5W

27, SW NE SW. Seymour S. Smith & David A. Smith #1 O. Stolz. Spd.
12-17-77. Comp. 12-20-77. TD 1177'. D&A. Ste. Genevieve, top
1170' (approx.). WF.

WAYNE COUNTY

1N, 5E

10, NE SW NW. Juniper Petroleum Corp. #23-10 Chester Henson. Spd.
12-16-77. Comp. 12-22-77. TD 3807'. D&A. Ullin, top 3680'
(approx.). WN - Zenith South.

Irr. 18, 330'SL, 660'EL, NW SE. Ego Oil Co., Inc. #1 Bert Henson et al.
Spd. 12-6-76. Comp. 12-24-76. TD 4679'. D&A. Devonian, top
4552'. Orchardville North.

WAYNE COUNTY (continued)

1N, 8E

- 22, 430'SL, 330'WL, NW NE. Hubert W. Rose #1-A V. Holmes. Spd. 12-10-76. Comp. 1-24-77. TD 3750'. IP 14 BOP/180 BW. McClosky, top 3165', acid; St. Louis, top 3288', acid; Salem, top 3601', acid. Clay City Consol.

1N, 9E

- 8, SE SW NE. Viking Oil Co. #1 Fred Wells. Spd. 11-20-77. Comp. 12-1-77. TD 4100'. D&A. Ullin, top 3930' (approx.). Mt. Erie North.

2N, 7E

- 23, SE SE NW. Hubert Rose #2 "A" S. J. Staley. OWDD. Was Pure Oil Co. #1 S. J. Staley "A". Was Spar Mountain and McClosky producer. OTD 3028'. Comp. 2-20-45. Recom. 10-26-77. DTD 3961'. IP 30 BOP/180 BW. Salem, top 3526'. Clay City Consol.

- 26, 370'NL, 330'WL, NE NW. Edward C. Koch #1-K Thompson. Spd. 4-21-77. Comp. 11-5-77. TD 3765'. IP 125 BOP/250 BW. Salem, top 3530', acid. Clay City Consol.

2N, 8E

- 21, NW NE NW. Santoro Oil Co., Inc. #1 R. Skelton. Spd. 9-20-77. Comp. 12-13-77. TD 3690'. IP 14 BOP. Spar Mountain, top 3008'. Clay City Consol.

1S, 5E

- 19, SE NW NW. Louis H. Kapp, Jr. #2 Donohoe. Spd. 10-24-77. Comp. 11-26-77. TD 3538'. IP 100 BOP/10 BW. Salem, top 3484', acid. Coil.

- 19, NW NW NW. Louis H. Kapp, Jr. #3 Donohoe. Spd. 11-3-77. Comp. 11-30-77. TD 3545'. Oil well, IP not available. Salem, top 3491', acid. Coil.

- 26, NW SW SW. Louis A. Pessina #12 Katherina Goff. Spd. 10-22-77. Comp. 12-7-77. TD 3635'. IP 162 BOF. Salem, top 3620', nat. Keenville.

- 34, 390'NL, 330'EL, SW. N. A. Baldridge #3 B. Bozarth. Spd. 9-21-77. Comp. 12-6-77. TD 3724'. IP 38 BOP/some water. Salem, top 3624'. Keenville.

- 34, 330'NL, 380'WL, SE. Fletcher F. Farrar #1 I.B.M. Farms-Feathers. Spd. 10-11-77. Comp. 11-22-77. TD 3838'. IP 35 BOP/20 BW. Salem, top 3444', acid. Keenville.

- 36, SW SE SE. Bufay Oil Co. #1 Matthews Comm. Spd. 11-11-77. Comp. 11-19-77. TD 3825'. D&A. Ullin, top 3790'. Keenville East.

1S, 6E

- Irr. 1, 990'SL, 330'WL, SE. David Allison #2 S. Stipp. Spd. 10-11-77. Comp. 10-16-77. TD 3241'. D&A (SO). McClosky, top 3231'. Johnsonville Consol.

WAYNE COUNTY (continued)

1S, 6E

- Irr. 4, 2117'SL, 797'EL, NW. Van Fossan Assoc. #4 H. L. Harrell. Abd.
loc. Johnsonville Consol.
- Irr. 4, 990'SL, 330'WL, SE NW. Van Fossan Assoc. #5 H. L. Harrell. Abd.
loc. Johnsonville Consol.
- Irr. 12, 330'SL, 330'WL, NW NE. David Allison #2 Mattox Comm. Spd.
10-26-77. Comp. 11-1-77. TD 3261'. D&A. Fredonia, top 3248'.
Johnsonville Consol.
- 14, C W/2 SW NW. Fletcher F. Farrar #2 Hilliard. OWWO. Was Shakespeare
Oil Co. #1 H. Hilliard. Was D&A. OTD 3060'. OWWO. OWDD by
R. L. Van Fossan. DTD 3814'. D&A. Comp. 11-26-75. Recom.
10-22-77. COTD 3813'. IP 30 BOP/15 BW. Aux Vases, top
3033', mca; Salem, top 3739', mca. Johnsonville
South.
- 22, SE SE NE. Texaco, Inc. #5 A. L. Harlan N. C. 2. Spd. 10-20-77.
Comp. 11-25-77. TD 3830'. IP 16 BOP/40 BW. McClosky, top 3150';
Salem, top 3744', acid. Johnsonville South.
- 23, 990'SL, 360'WL, NW SW. Texaco, Inc. #3 W. W. Thomas N. C. 3. Spd.
10-7-77. Comp. 11-9-77. TD 3825'. IP 46 BOP/238 BW. Salem, top
3740', acid. Johnsonville South.

1S, 7E

- Irr. 19, 330'SL, 600'EL, SW NE. Ernest Sherman #1 Long. Spd. 11-30-77.
Comp. 12-7-77. TD 3253'. D&A. McClosky, top 3250' (approx.).
Clay City Consol.
- 21, NE SE SW. Van Fossan Assoc. #1 Perry Young. OWWO. OWDD. Was
Perry Fulk #1 P. Young. Was D&A. OTD 3343'. Comp. 10-1-46.
Recomp. 11-23-77. DTD 3943'. D&A. Salem, top 3625' (est.).
Clay City Consol.
- 29, NW NE SW. Modern Explorations #1 Leslie White. Spd. 11-7-77.
Comp. 11-20-77. TD 3974'. D&A. Ullin, top 3960' (approx.).
Clay City Consol.
- Irr. 30, 330'NL, 330'EL, NW. Donald E. Schmitt #1 Lawrence Heirs.
Spd. 11-7-77. Comp. 12-20-77. TD 4000'. D&A. Warsaw, top 3966'.
Clay City Consol.
- 33, NW SW NW. Jerry E. Friend #1 Oakley Hunt. Spd. 9-20-77. Comp.
11-22-77. TD 4006'. IP 45 BOP/trace of water. Salem, top 3854',
acid. Clay City Consol.

1S, 8E

- Irr. 4, 330'NL, 330'EL, SE. Farmers Petroleum Coop., Inc. #2 L. Borah.
OWDD. Was V. D. Jarvis #2 L. Borah. Was Aux Vases producer.
OTD 3080'. Comp. 2-23-54. Recom. 12-5-77. DTD 3910'.
IP 25 BOP/25 BW. Salem, top 3632'. Clay City Consol.

WAYNE COUNTY (continued)

1S, 9E

26, SW SW NE. Juniper Petr. Corp. #2 Virginia Hanes et al. Conversion. Was Skiles Oil Co. #1 Virginia Haines. Was Ohara and Spar Mountain producer. Comp. 11-10-77. COTD 3315'. Water input. Ohara, top 3276'; Spar Mountain, top 3306'. Half Moon.

35, SW NW NE. Karen S. Revelle #1 L. Sams. OWWO. OWDD. Was N. V. Duncan. Was D&A (SO). OTD 3410'. Comp. 6-18-57. Recomp. 12-20-77. DTD 3995'. IP 5 BOP/5 BW. Salem, top 3981', mca and acid. Half Moon.

2S, 6E

20, NE SW SE. Shakespeare Oil Co., Inc. #1 Sherwood Land Co. Spd. 10-21-77. Comp. 11-2-77. TD 4230'. D&A. Ullin, top 3930'. WF.

29, SE SW NW. Ill. Mid-Continent Co. & Dee Drlg. Co. #1 Sherwood Land Co. Spd. 7-14-77. Comp. 12-20-77. TD 4291'. IP 10 BOP/30 BW. Ullin, top 4154', mca. EXTENSION TO MAYBERRY FIELD.

31, NW SE SE. Comanche Oil Corp. #2 J. Thomason. Abd. loc. WN - Mayberry.

2S, 8E

36, C N/2 SE SE. Jerry E. Friend #4 O. Laws. Spd. 12-11-76. Comp. 3-1-77. TD 3430'. IP 40 BOP/30 BW. Aux Vases, top 3300', frac.; McClosky, top 3396', acid. Barnhill.

2S, 9E

16, C W/2 NE NW. Ernest Sherman #1 Cooper. Spd. 9-17-76. Comp. 11-15-77. TD 4383'. IP 50 BOP/20 BW. Aux Vases, top 3235', frac.; Spar Mountain, top 3322', acid. Goldengate North Consol.

28, C W/2 NE NW. M. J. Williams #1 Boze Comm. OWWO. Was New Penn Dev. Corp. #1 Boze Comm. Was D&A. OTD 3394'. Comp. 9-8-42. Recomp. 5-15-76. COTD 3395'. IP 8 BOP/0 BW (est.). Aux Vases, top 3190'; McClosky, top 3320', nat. Golden-gate Consol.

WHITE COUNTY

3S, 8E

30, NE NW SE. Sam Tipps #1 McIntosh. OWWO. Conversion. Was Southern Petroleum Co. #1 P. A. McIntosh. Was plugged Aux Vases producer. OTD 3245'. Comp. 4-22-41. Comp. 8-1-75. COTD 2550' (est). SWD. Waltersburg, top 2490'. Mill Shoals.

3S, 9E

30, SW SE SW. Fletcher F. Farrar #1 Ward Heirs. Spd. 10-31-77. Comp. 11-10-77. TD 4310'. D&A. Warsaw, top 4158'. Goldengate Consol.

4S, 8E

29, NE NW SW. Perry Fulk #2 Woodrow et al. "B" Unit. Spd. 10-10-77. Comp. 12-13-77. TD 3409'. Oil well, IP not available. Aux Vases, top 3399'. Springerton South.

WHITE COUNTY (continued)

4S, 8E

- 30, NE NE SE. John Carey Oil Co., Inc. #1 L. McIntosh. Spd. 10-25-77.
Comp. 10-31-77. TD 3510'. D&A. Ste. Genevieve, top 3450'.
Springerton South.
- 33, NW NW SW. Donald E. Brown, Sr. #1 J. T. Lawrence. Spd. 10-18-77.
Comp. 11-15-77 (est.). TD 3340'. IP 57 BOP. Aux Vases, top
3329', nat. Springerton South.
- 33, SW SE NW. Perry Fulk #1 Lawrence et al. Unit. Spd. 11-7-77.
Comp. 11-14-77. TD 3386'. D&A. Aux Vases, top 3350' (approx.).
Springerton South.
- 33, NE SW NW. Perry Fulk #1 Gary Morris. Spd. 11-15-77. Comp. 12-21-77.
TD 3343'. IP 70 BOP. Aux Vases, top 3338', mca. Springerton South.
- 33, NW SW NW. Perry Fulk #2 Gary Morris. Spd. 10-14-77. Comp.
11-23-77. TD 3346'. IP 70 BOP. Aux Vases, top 3338', mca.
Springerton South.
- 33, NW SW SW. RK Petroleum Corp. #2 John Prince et al. Spd. 11-10-77.
Comp. 11-27-77. TD 3344'. IP 61 BOP/O BW. Aux Vases, top 3332',
nat. Springerton South.
- 33, SW SW NW. Perry Fulk #1 Wahl. Spd. 10-8-77. Comp. 11-29-77.
TD 3341'. IP 118 BOP. Aux Vases, top 3329', frac. Springerton
South.
- 33, SE SW NW. Perry Fulk #2 Wahl. Spd. 10-10-77. Comp. 11-15-77
(est.). TD 3343'. IP 100 BOP. Aux Vases, top 3339', frac.
Springerton South.
- 33, SE NE SE. RK Petroleum Corp. #1 Dale Williams et al. Spd. 11-17-77.
Comp. 11-22-77. TD 3446'. D&A. Ste. Genevieve, top 3405' (approx.).
Springerton South.
- 34, SE NW SW. RK Petroleum Corp. #7 Continental Bank. Spd. 10-20-77.
Comp. 11-22-77. TD 3343'. IP 80 BOP. Aux Vases, top 3333'.
Springerton South.
- 34, SE NE SW. RK Petroleum Corp. #9 Continental Bank. Spd. 12-9-77.
Comp. 12-16-77. TD 3390'. D&A. Aux Vases, top 3330' (est.).
Springerton South.
- 34, NE SW SW. RK Petroleum Corp. #1 Robert Williams. Spd. 10-28-77.
Comp. 12-6-77. TD 3339'. IP 28 BOP/84 BW. Aux Vases, top 3321',
frac. Springerton South.
- 34, SE SW SW. RK Petroleum Corp. #2 Robert Williams. Spd. 11-6-77.
Comp. 11-13-77. TD 3379'. D&A. Aux Vases, top 3332'. Spring-
erton South.
- 36, NE SE NW. RK Petroleum Corp. #1 Stella Wicker. Spd. 11-19-77.
Comp. 11-29-77. TD 3474'. D&A. Fredonia, top 3409'. WN -
Trumbull Consol.

WHITE COUNTY (continued)

4S, 9E

- 13, NE NE NW. C. E. Brehm Drlg. & Prod. #2 Barbre et al. Spd. 12-6-77.
Comp. 12-18-77. TD 4092'. D&A. Ullin, top 4080' (approx.).
Centerville East.

4S, 10E

- 5, SE NE NE. Parks & York Drilling Co. #1 Kenneth Waggoner. OWWO.
Was Raymond A. Messman #1 Kenneth Waggoner. Was plugged Cypress
producer. OTD 2941'. Comp. 12-9-75. Recom. 10-15-77.
COTD 2941'. IP 3 BOP/1 BW. Cypress, top 2904'.
Centerville East.

- Irr. 30, 330'SL, 330'EL, NW SW. C. E. Brehm Drlg. & Prod. #1 Winter-
Renshaw Comm. Spd. 10-3-77. Comp. 11-3-77. TD 7852'. D&A.
St. Peter, top 7800' (approx.). Sumpter.

4S, 11E

- Irr. 6, 330'SL, 990'EL, SW. William R. & Phyllis Becker #2 Lamont "B"
Lease. Spd. 12-7-77. Comp. 12-16-77. TD 1876'. D&A. Biehl,
top 1850' (approx.). Phillipstown Consol.

4S, 14W

- 27, SE SW SE. The Superior Oil Co. #C-20 H. C. Ford et al. Conversion.
Was Tar Springs, Cypress and Aux Vases producer converted to Tar
Springs, Cypress and Aux Vases water input. OTD 2940'. Comp.
10-21-77. COTD 2900'. Water input. Tar Springs, top
2180'; Cypress, top 2578'; Aux Vases, top 2806';
McClosky, top 2866'. New Harmony Consol.

5S, 8E

- 4, SW SW SE. RK Petroleum Corp. #7 Willard Brockett, Jr. Abd. loc.
Enfield North.
- 9, NW SW NE. RK Petroleum Corp. #6 Willard Brockett, Jr. Abd. loc.
Enfield North.
- 9, SW NE NE. RK Petroleum Corp. #2 Lawrence Ramsey. Abd. loc. Enfield
North.
- 19, SW NW NE. Reynolds & Vincent #2 Carl Wilson Comm. Spd. 9-19-77.
Comp. 11-18-77. TD 4620'. IP 46 BOP/0 BW. Ullin, top 4356',
acid. Enfield.

6S, 9E

- 12, 330'SL, 310'WL, NW NW. Jim Haley Production Co. #13 Storms Field
Tract #6. OWWO. Was Exchange Oil Co. & Ohio Oil Co. #13 Pearce.
Was plugged Waltersburg producer. OTD 2269'. Comp. 1-7-41.
Recom. 6-7-76. COTD 2274'. IP 16 BOP/60 BW. Walters-
burg, top 2250'. Storms Consol.
- 22, 330'SL, 430'EL, NE NW. Dennis Paine Service Co. #A-1 James
Phillips. Spd. 7-18-77. Comp. 8-15-77 (est.). TD 1950'. IP 4.5
BOP. Pennsylvanian, top 1925', shot. Storms Consol.

WHITE COUNTY (continued)

6S, 10E

21, NE NW SE. Jim Haley Production Co. #3 W. R. Tuley. OWDD. Was
Great Lakes Carbon Co. #1 S. J. Tuley. Was Aux Vases producer.
OTD 2911'. Comp. 5-2-44. Recomp. 3-5-76. DTD 3475'.
IP 60 BOP. St. Louis, top 3309'. Concord Consol.

WILLIAMSON COUNTY

8S, 4E

26, NW SE SE. C. E. Brehm Drlg. & Prod. #1 Moulton. Spd. 10-18-77.
Comp. 10-26-77. TD 2991'. D&A. Ste. Genevieve, top 2900'
(approx.). WF.

PRODUCING WELL PLUGGINGS RECEIVED BY SURVEY THROUGH DECEMBER 1977

Data furnished by Department of Mines and Minerals, Springfield, Illinois, modified to agree with original completion. The total depth, date of plugging and present field assignment are listed.

CLAY COUNTY

- 34-3N-8E, NW SE NW. R. L. VanFossan Assoc. #1 Dehart. 2992'. 11-17-77.
Clay City Consol.
- 29-5N-8E, SE SW SW. Frank L. Strickland #1 W. Leonard. 3018'. 11-18-77.
Sailor Springs Consol.
- 32-5N-8E, 344'SL, 330'WL, NE NW. Halses Oil Co. #2 H. C. Bahl. 3010'.
11-15-77. Sailor Springs Consol.

CRAWFORD COUNTY

- 13-5N-12W, NW NW NE. Triple B Oil Producers, Inc. #1 Barcroft & Newell Comm.
1045'. 11-9-77. Main Consol.
- 32-7N-13W, NE NW SW. Ohio Oil Co. #28 William Wood. 982'. 8-18-77. Main
Consol.

FAYETTE COUNTY

- 11-8N-3E, 990'NL, 330'EL, NE. Carter Oil Co. #1 Cora Larimore. 1587'.
8-19-77. Loudon.
- 32-8N-3E, 335'NL, 497'EL, NW. Carter Oil Co. #11 Mary Blurton, formerly Oil
Incorp. 1558'. 11-30-77. (Water input, formerly a producer.) Loudon.
- 32-8N-3E, 397'SL, 460'WL, NE NW. Carter Oil Co. #12 Mary Blurton, formerly
Oil Incorp. 1537'. 12-1-77. (Water input, formerly a producer.)
Loudon.

GALLATIN COUNTY

- 15-8S-10E, NE SW NE. Carter Oil Co. #54 Arensman (West Unit), formerly
Halbert & Leach #1. 2410'. 11-12-77. Inman East Consol.

JASPER COUNTY

- 6-5N-10E, NW SE NW. Triple "B" Oil Producers #4 McConnell. 3028'. 10-28-77.
Clay City Consol.
- 6-5N-10E, NW SE SW. Triple "B" Oil Producers, Inc. #9 McConnell. 3054'.
11-2-77. Clay City Consol.
- 6-5N-10E, SW SE NW. Triple "B" Oil Producers #5 McConnell et al. 2976'.
11-4-77. Clay City Consol.

LAWRENCE COUNTY

- 2-2N-12W, 1280'NL, 640'WL, NW NE. Ohio Oil Co. #40 L. A. Buchanan. 1840'.
9-27-77. Lawrence.
- 31-3N-11W, NE SE SE. J. W. McClure #2 A. B. Jordan. 1892'. 9-23-77.
Lawrence.
- 14-3N-12W, 600'NL, 900'EL, SW. Ohio Oil Co. #10 W. B. Gillespie. 1543'.
11-9-77. Lawrence.
- 25-3N-12W, 1270'NL, 210'EL, SW. Ohio Oil Co. #10 A. Vandermark. 1855'.
11-2-77. Lawrence.
- 35-3N-12W, 740'NL, 650'WL, SW NE. Ohio Oil Co. #29 W. A. Gould. 949'.
9-30-77. Lawrence.
- 35-3N-12W, 180'SL, 130'WL, NE NE. Ohio Oil Co. #17 G. L. Ryan a/c 3.
1771'. 10-17-77. Lawrence.

LAWRENCE COUNTY (continued)

- 35-3N-12W, 680'NL, 200'WL, NE NE. Ohio Oil Co. #18 G. L. Ryan, a/c 3. 1806'.
10-28-77. Lawrence.
- 19-4N-12W, 1155'SL, 536'EL, SE. Bridgeport Oil Co. #3 G. L. Miller. 952'.
9-27-77. Lawrence.
- 19-4N-12W, 135'SL, 1090'EL, SE. Bridgeport Oil Co. #11 G. L. Miller. 939'.
11-14-77. Lawrence.
- 19-4N-12W, 135'SL, 1072'EL, SE. Indian Refining Co. #16 G. L. Miller. 1330'.
9-20-77. Lawrence.
- 29-4N-12W, 550'SL, 720'WL, SW. Ohio Oil Co. #41 J. B. Lewis. 1030'. 10-10-77.
(Gas input, formerly a producer.) Lawrence.
- 29-4N-12W, 245'SL, 820'WL, SW. Ohio Oil Co. #44 J. B. Lewis. 1066'. 9-22-77.
Lawrence.
- 13-4N-13W, 500'NL, 330'EL, NE. Ohio Oil Co. #28 A. R. Applegate. 1637'.
11-16-77. Lawrence.

MARION COUNTY

- 8-1N-1E, NE NE NW. E. E. Flippin #1 Green-Durham Comm., formerly National
Assoc. Pet. Co. 1942'. 11-16-77. Central City.

ST. CLAIR COUNTY

- 36-3S-6W, 2600'SL, 500'EL, SE. W. A. Halt #1 R. A. Moffat. 800'. 12-16-77.
Tilden North.

SALINE COUNTY

- 8-9S-6E, 150'SL, 330'EL, SW SW. Santoro Oil Co. #1 Chicago & Harrisburg Coal
Co. 2905'. 12-6-77. Harrisburg West.
- 8-9S-6E, 325'NL, 450'EL, SE SW. Santoro Oil Co. #3 Chicago & Harrisburg Coal
Co. 2378'. 12-7-77. Harrisburg West.

SANGAMON COUNTY

- 25-16N-3W, 330'NL, 330'WL, SW. Aladdin Oil Development Co. #1 Mendenhall
Bros. 1745'. 10-31-77. Mechanicsburg.
- 34-16N-4W, 430'SL, 330'WL, NW NE. J. U. Dodge #1 Waddle. 1596'. 10-27-77.
Clear Lake East.

WABASH COUNTY

- 26-1S-14W, 330'NL, 660'EL, SW. Southern Triangle Oil Co. #A-1 Blanche
Tranquary et al. 2736'. 11-10-77. Lexington.

WASHINGTON COUNTY

- 8-3S-1W, 330'SL, 330'EL, NE SW. N. A. Baldridge #1 Edward Nagle. 1300'.
11-3-77. Dubois Consol.
- 8-3S-1W, SW NE SW. N. A. Baldridge #2 Edward Nagle. 1255'. 11-7-77. Dubois
Consol.
- 17-3S-1W, NE SW NE. N. A. Baldridge #4 John Klaybor. 1410'. 11-22-77. Dubois
Consol.
- 17-3S-1W, SE NW NE. J. E. Woofter Drlg. Co. #2 John Klaybor. 1299'. 11-25-77.
Dubois Consol.
- 17-3S-1W, NW NE SE. N. A. Baldridge #1 Piotrkowski. 1324'. 11-29-77.
Dubois Consol.

WAYNE COUNTY

20-2N-8E, NW NE NW. Partlow & Cochonour #1 Rex Gill. 3034'. 11-15-77. Clay City Consol.

WHITE COUNTY

17-4S-14W, NW NE NE. Texaco, Inc. #2-B Mary Glaze, formerly Cherry, Kidd & Sloan. 2857'. 10-31-77. New Harmony Consol.

5-5S-14W, NE NE NW. Clarence E. Brehm #1 Francis Stallings. 2966'. 11-11-77. New Harmony Consol.

2-7S-9E, NE SW NE. Clarence E. Brehm #1 Hobart M. Dagley. 2680'. 11-17-77. Herald Consol.

Some Recent Publications of Interest to
the Petroleum Industry

by

Illinois Geological Survey
Urbana, Illinois

- Ill. Pet. 99. Ordovician Galena Group (Trenton) of Illinois - Structure and Oil Fields (1973).
- Ill. Pet. 101. Underground Storage of Natural Gas in Illinois—1973 (1974).
- Ill. Pet. 102. Silurian Pinnacle Reefs and Related Oil Production in Southern Illinois (1974).
- Ill. Pet. 104. Underground Storage of Natural Gas (1975).
- Ill. Pet. 105. Structure Geology and Oil Production of Northern Gallatin County and Southernmost White County, Illinois (1975).
- Ill. Pet. 106. Insoluble Residues of the Sauk Sequence (Cambrian and Lower Ordovician) Rocks of the Fairfield Basin, Illinois: An Aid in Correlation and in Petroleum Exploration (1975).
- Ill. Pet. 109. Structure of the Top of the Karnak: Limestone Member (Ste. Genevieve) in Illinois (1976).
- Ill. Pet. 110. Petroleum Industry in Illinois in 1975 (1976).
- Circ. 458. Paleogeologic Map of Sub-Pennsylvanian Chesterian (Upper Mississippian) Surface in the Illinois Basin (1971).
- Circ. 470. Hydrodynamics in Deep Aquifers of the Illinois Basin (1972).
- Circ. 482. The Effect of Buried Niagaran Reefs on Overlying Strata in Southwestern Illinois (1973).
- Reprint Ser. 1971-M. Possible Future Petroleum Potential of Region 9 (Illinois Basin, Cincinnati Arch, and Northern Mississippian Embayment (1971).
- EGN 62. Energy Supply Problems for the 1970s and Beyond (May 1973).
- Selected List of Available Oil and Gas Publications (March 1, 1977).

ABBREVIATIONS USED IN THIS REPORT

| | |
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| Abd. — Abandoned | OTD — Old total depth |
| Acid — Acid treatment | OWDD — Old well drilled deeper |
| BOF — Barrels of oil flowing | OWWO — Old well worked over |
| BOP — Barrels of oil on pump | PB — Plugged back |
| BW — Barrels of water | PBTD — Plugged-back total depth |
| C — Center | R — Range |
| Comp. — Completed | S/2 — South $\frac{1}{2}$ |
| Consol. — Consolidated | SE — Southeast $\frac{1}{4}$ |
| COTD — Clean-out total depth | SG — Show of gas |
| Csg. — Casing | Sh. — Shale |
| D & A — Dry and abandoned | SIGW — Shut-in gas well |
| Dol. — Dolomite | SL — From the south line |
| DTD — Drilled deeper total depth | SO — Show of oil |
| E/2 — East $\frac{1}{2}$ | Spd. — Spudded |
| EL — From the east line | Ss. — Sandstone |
| Est. — Estimated | SSO — Slight show of oil |
| Ext. — Extension(s) | SW — Southwest $\frac{1}{4}$ |
| Fm. — Formation | Swb. — Swabbing |
| Fr. — Fractional | SWD — Salt water disposal well |
| Frac. — Hydraulic fracture treatment | T — Township |
| IP — Initial production | TD — Total depth |
| L — Line | Temp. abd. — Temporarily abandoned |
| Loc. — Location | W/2 — West $\frac{1}{2}$ |
| Ls. — Limestone | WF — Wildcat far (more than $1\frac{1}{2}$ miles from production) |
| N/2 — North $\frac{1}{2}$ | WL — From the west line |
| Nat. — Natural, no treatment | WN — Wildcat near ($\frac{1}{2}$ to $1\frac{1}{2}$ miles from production) |
| NE — Northeast $\frac{1}{4}$ | |
| NL — From the north line | |
| NW — Northwest $\frac{1}{4}$ | |

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